

Program Complot  
(Version 2018-1)

by

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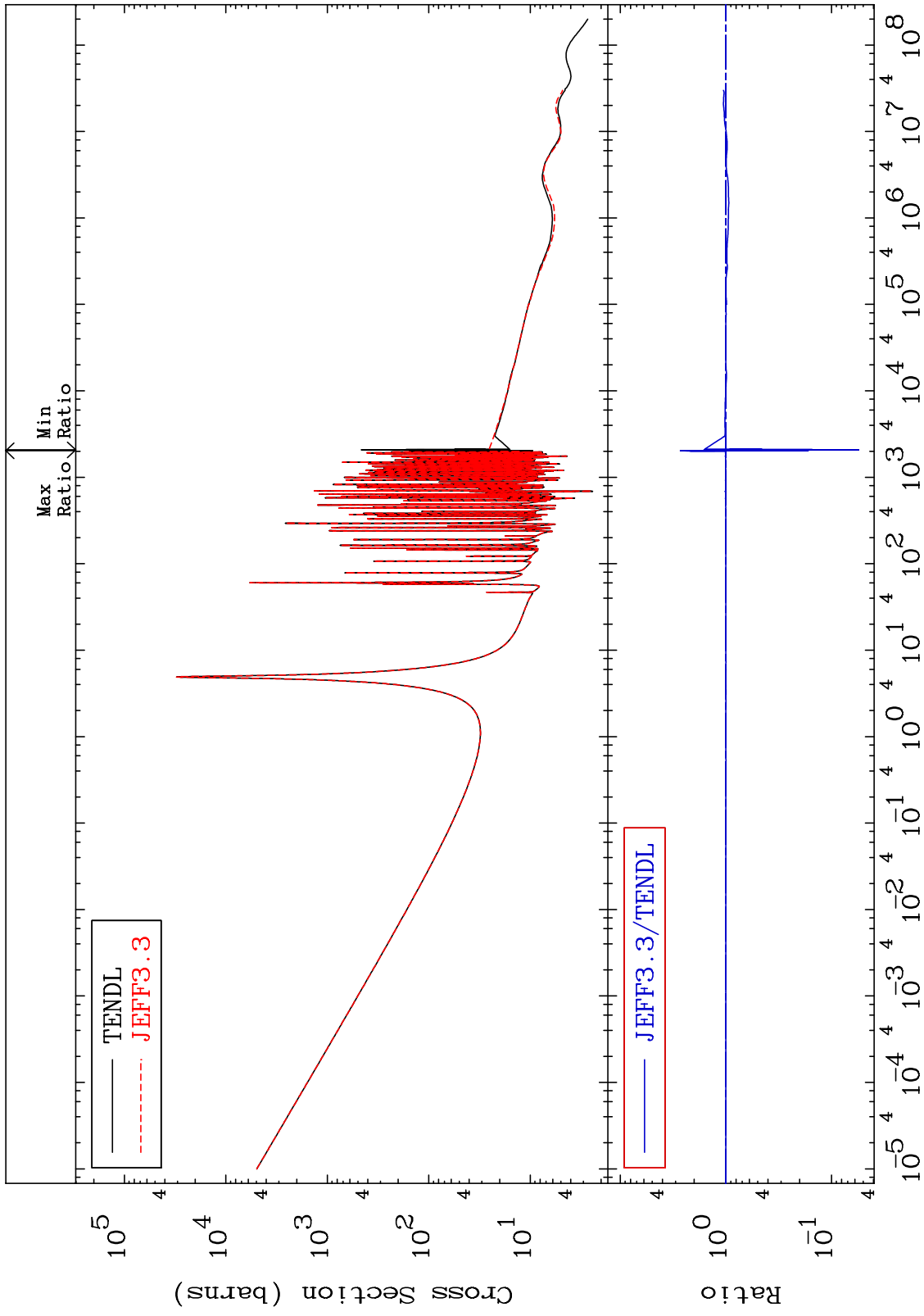
U.S.A.

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Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 7925 Total Cross Section 79-Au-197 -94.51 To 171.0 %



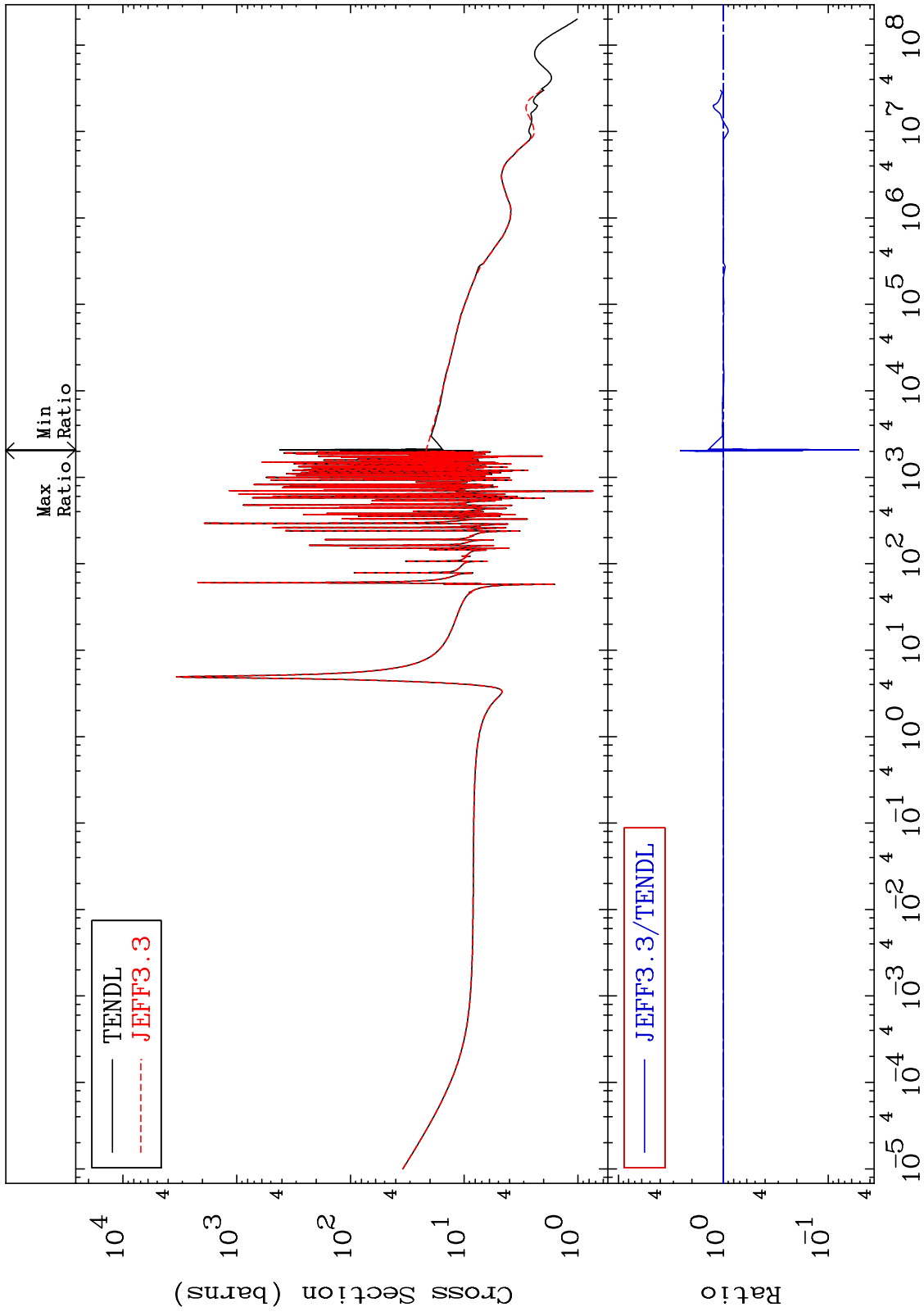
1 79-Au-197

MAT 7925

Elastic  
Cross Section

79-Au-197

-94.89 To 158.2 %

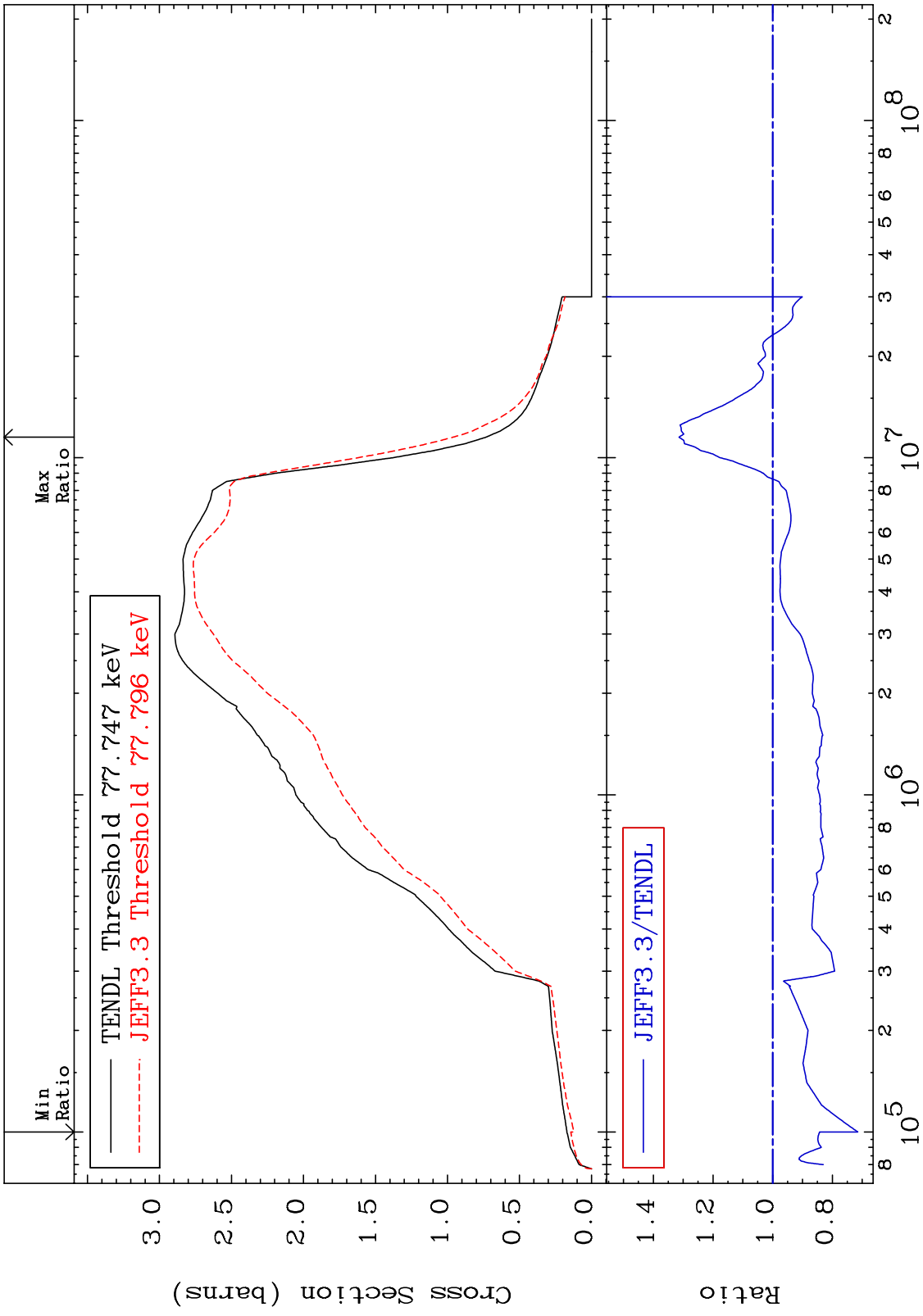


2

Incident Energy (eV)

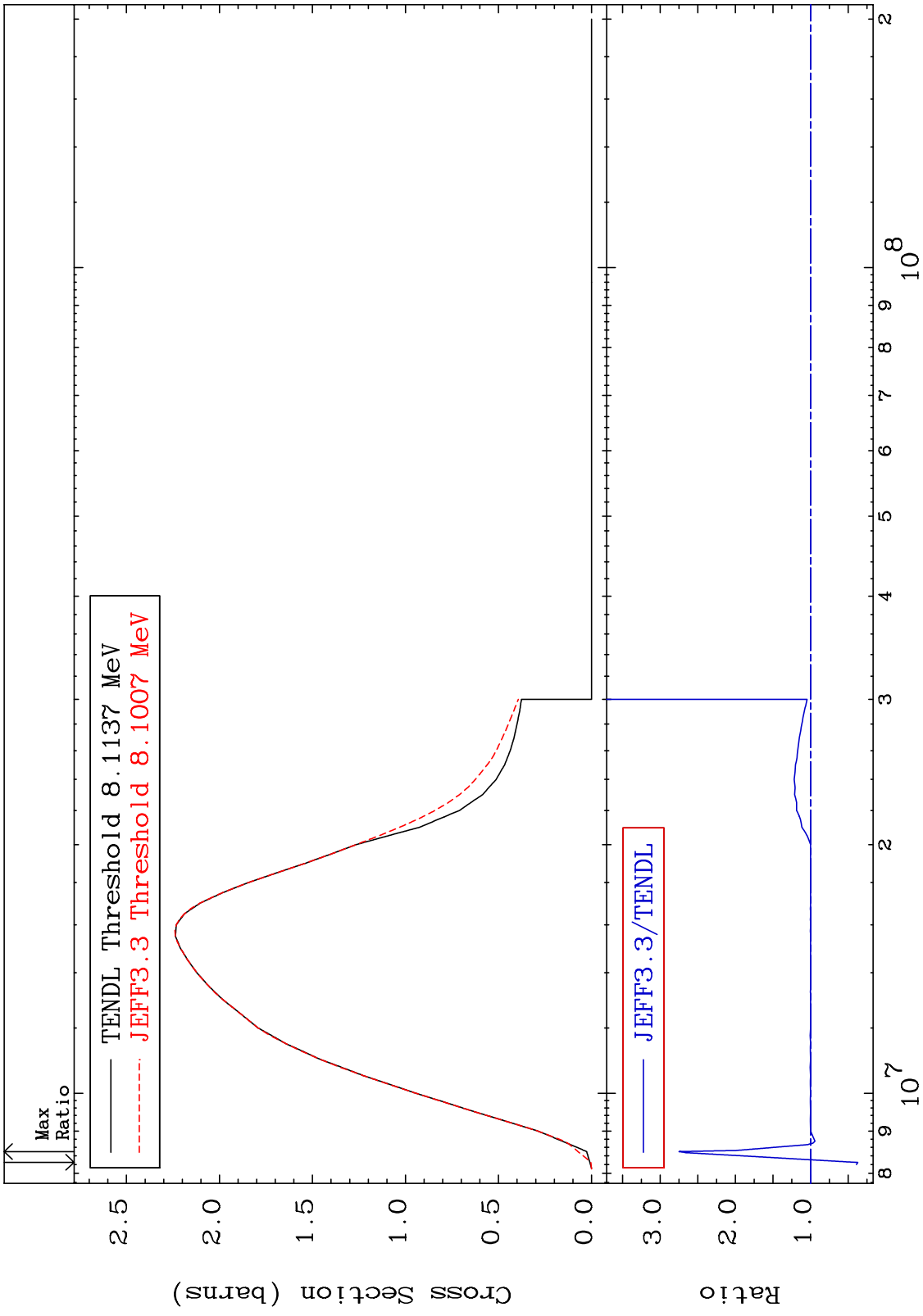
79-Au-197

MAT 7925 Inelastic Cross Section 79-Au-197 -28.55 To 31.37 %

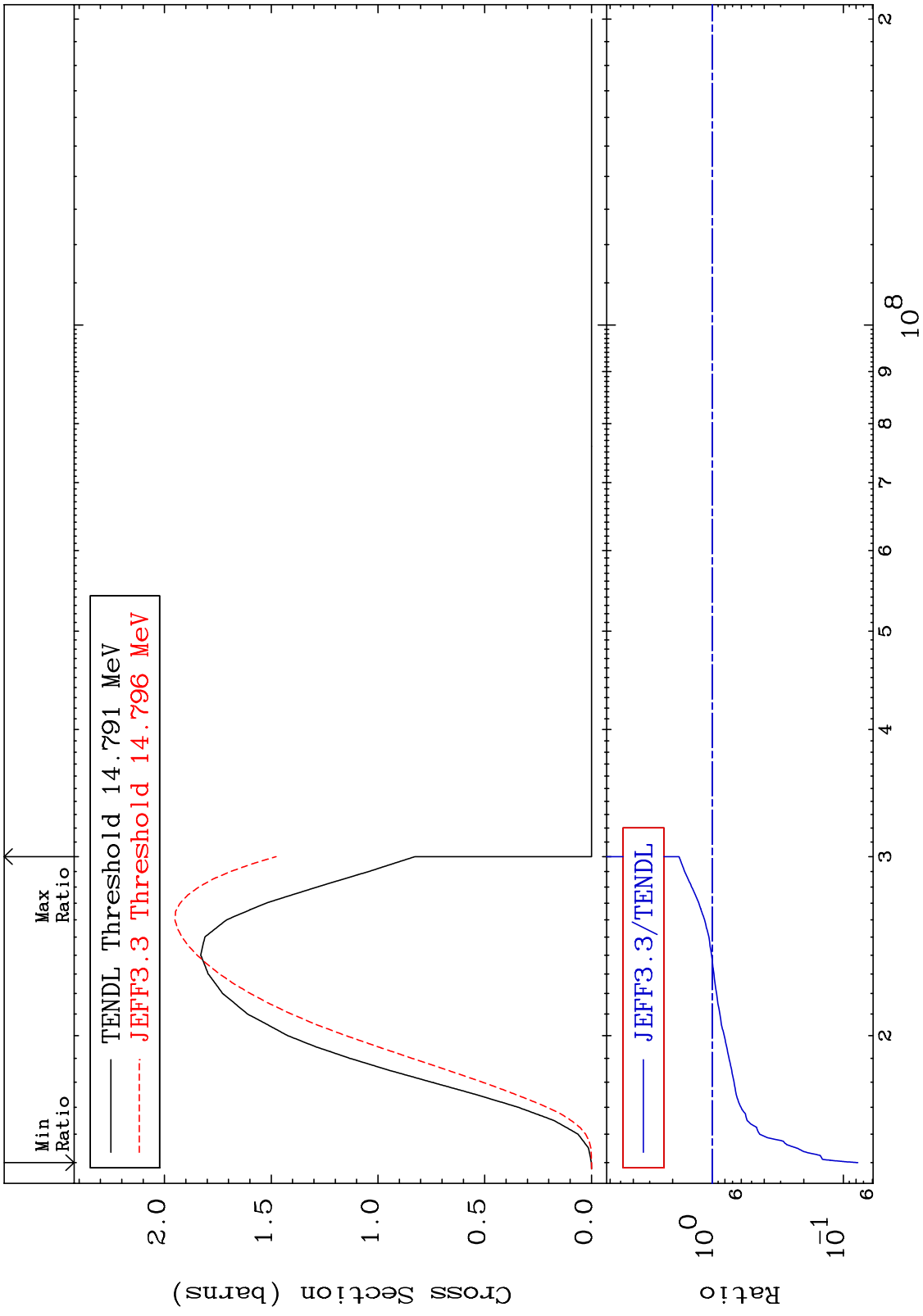


79-Au-197

MAT 7925 (n,2n) Cross Section 79-Au-197 -62.84 To 174.9 %



MAT 7925 (n,3n) 79-Au-197  
Cross Section -92.26 To 78.89 %



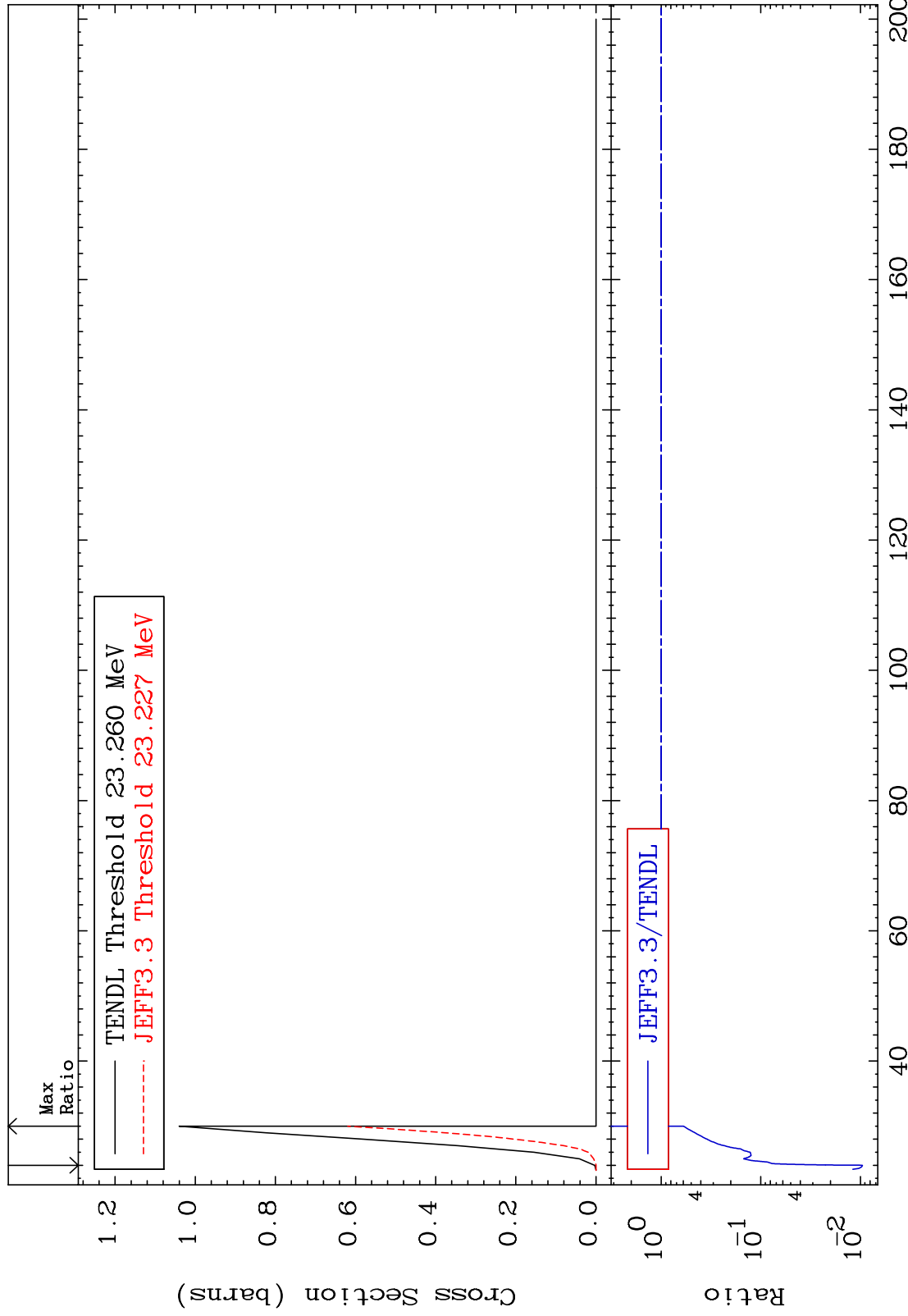
MAT 7925

(n,4n)

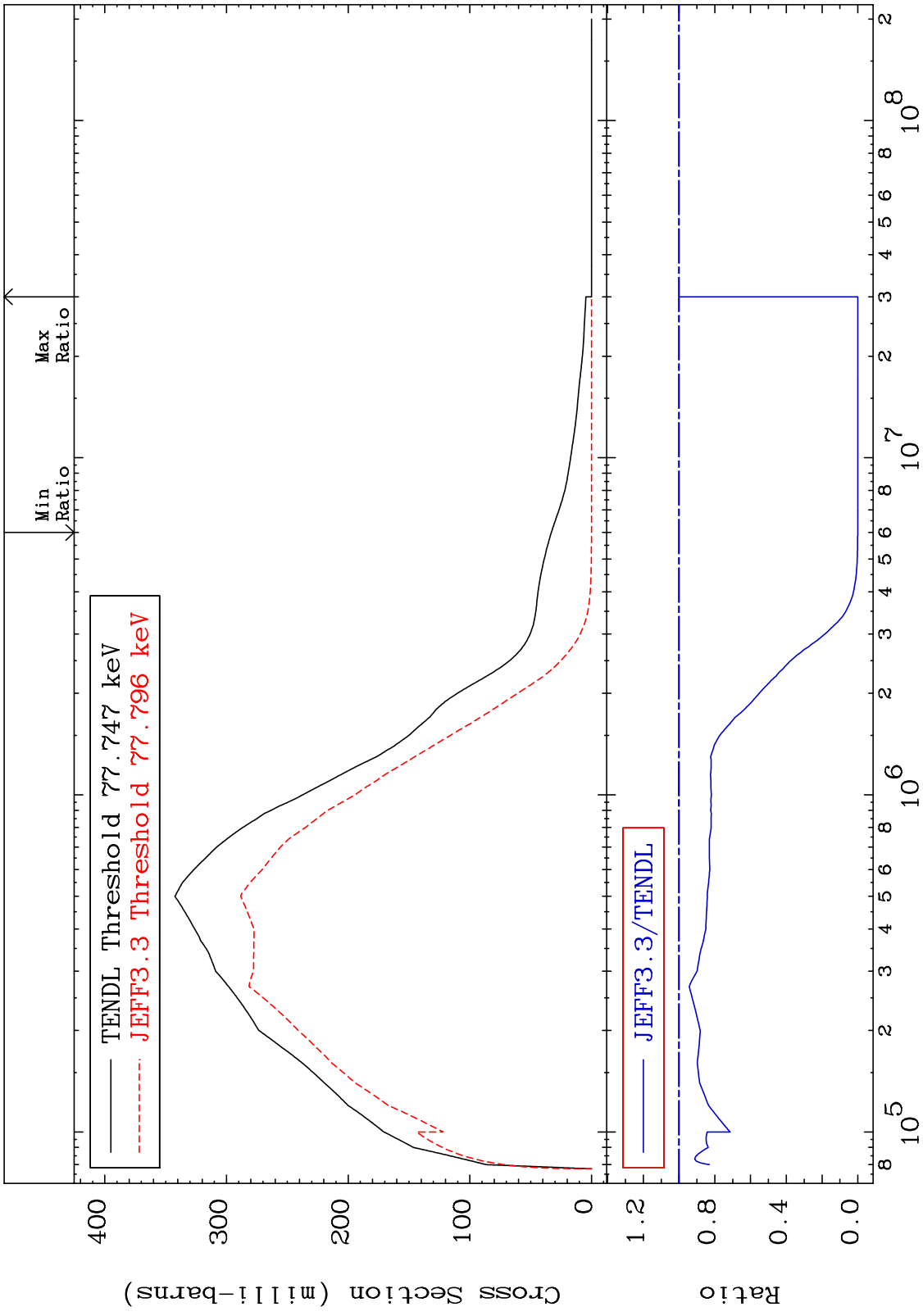
79-Au-197

Cross Section

-99.05 To -40.44%



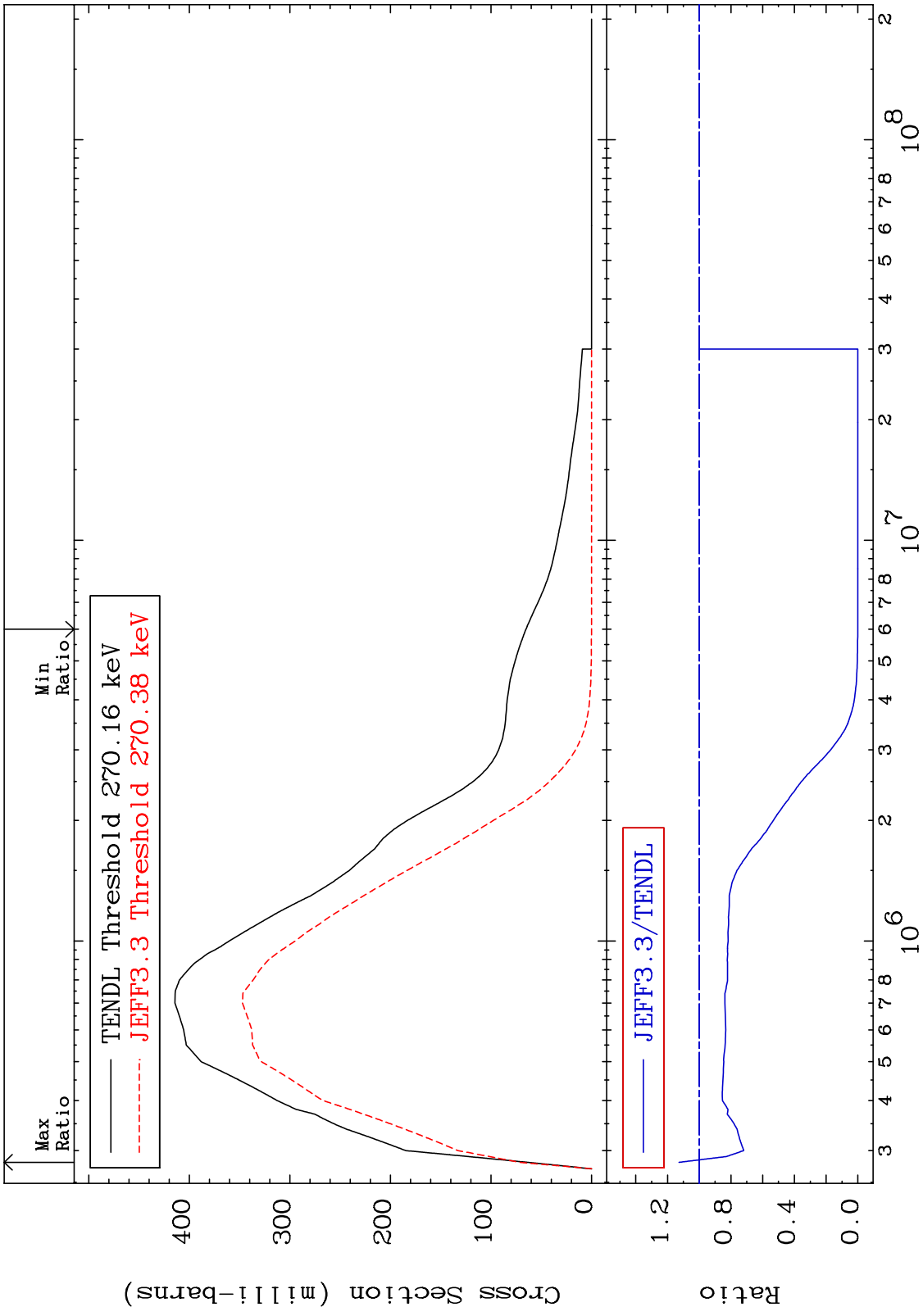
MAT 7925 MT= 51 (n,n') Level Cross Section -100.0 To 0.000 % 79-Au-197



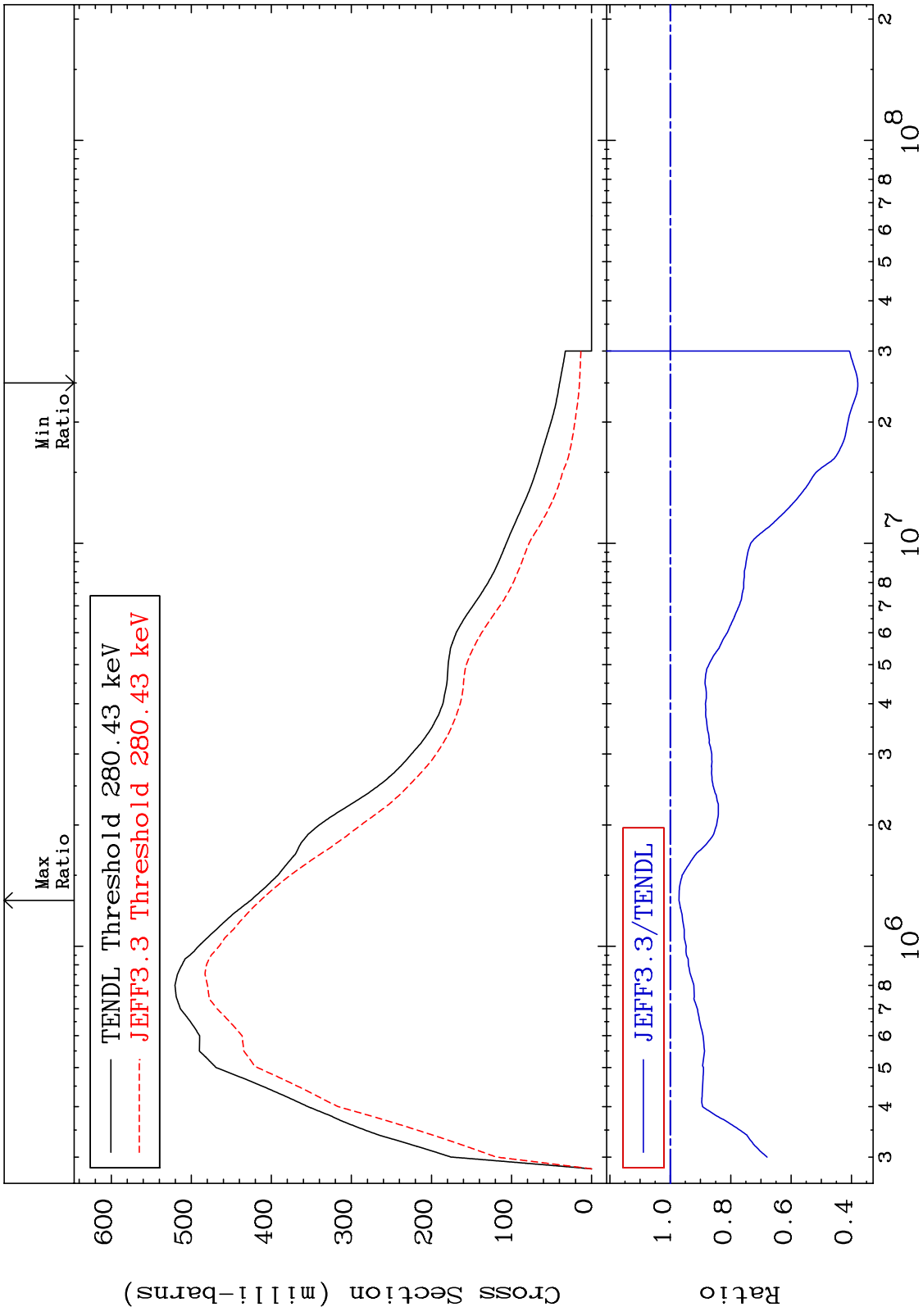
79-Au-197



MAT 7925 MT= 52 (n,n') Level Cross Section -100.0 To 12.73 % 79-Au-197

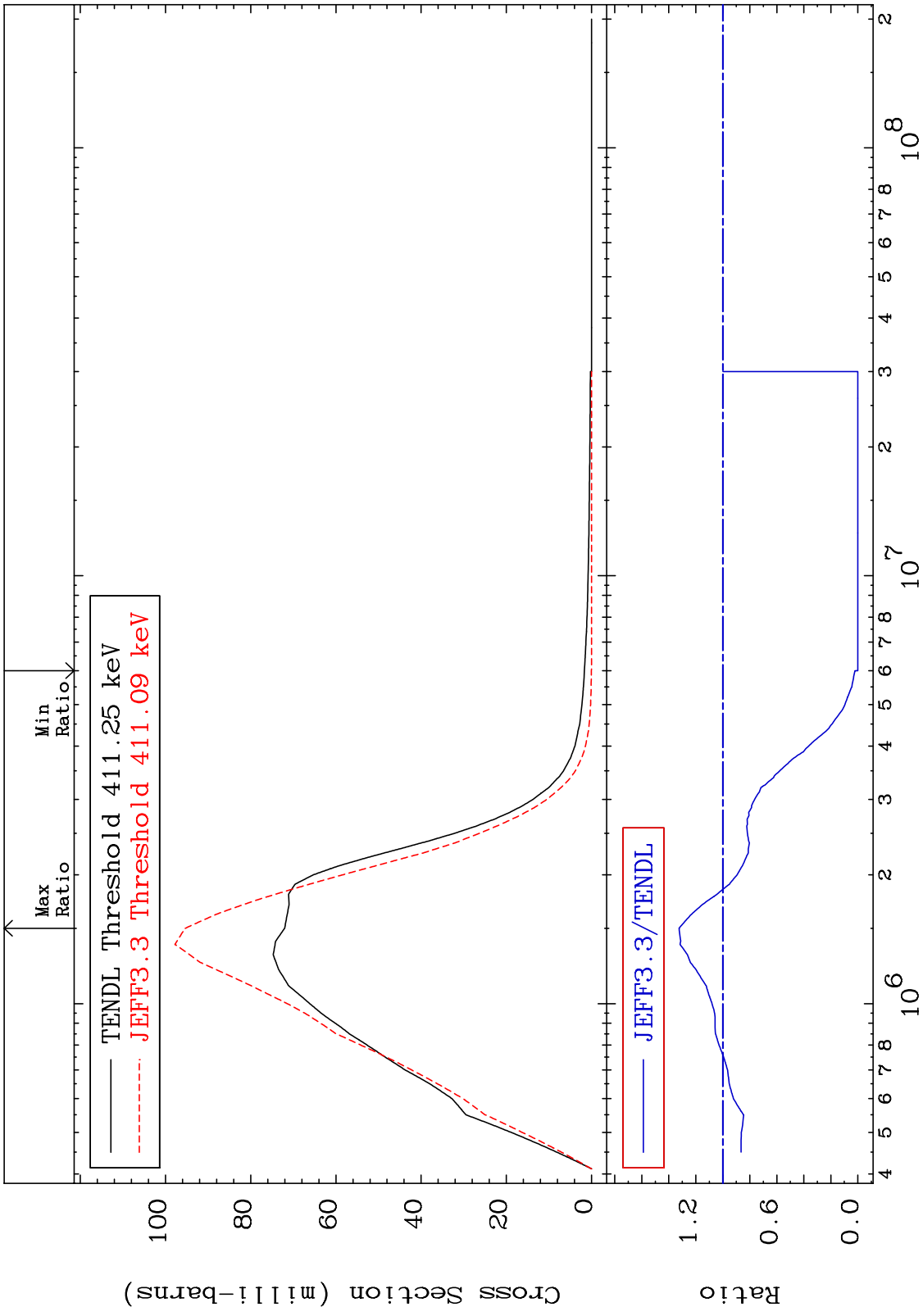


MAT 7925 MT= 53 (n,n') Level Cross Section 79-Au-197 -62.13 To -2.889%



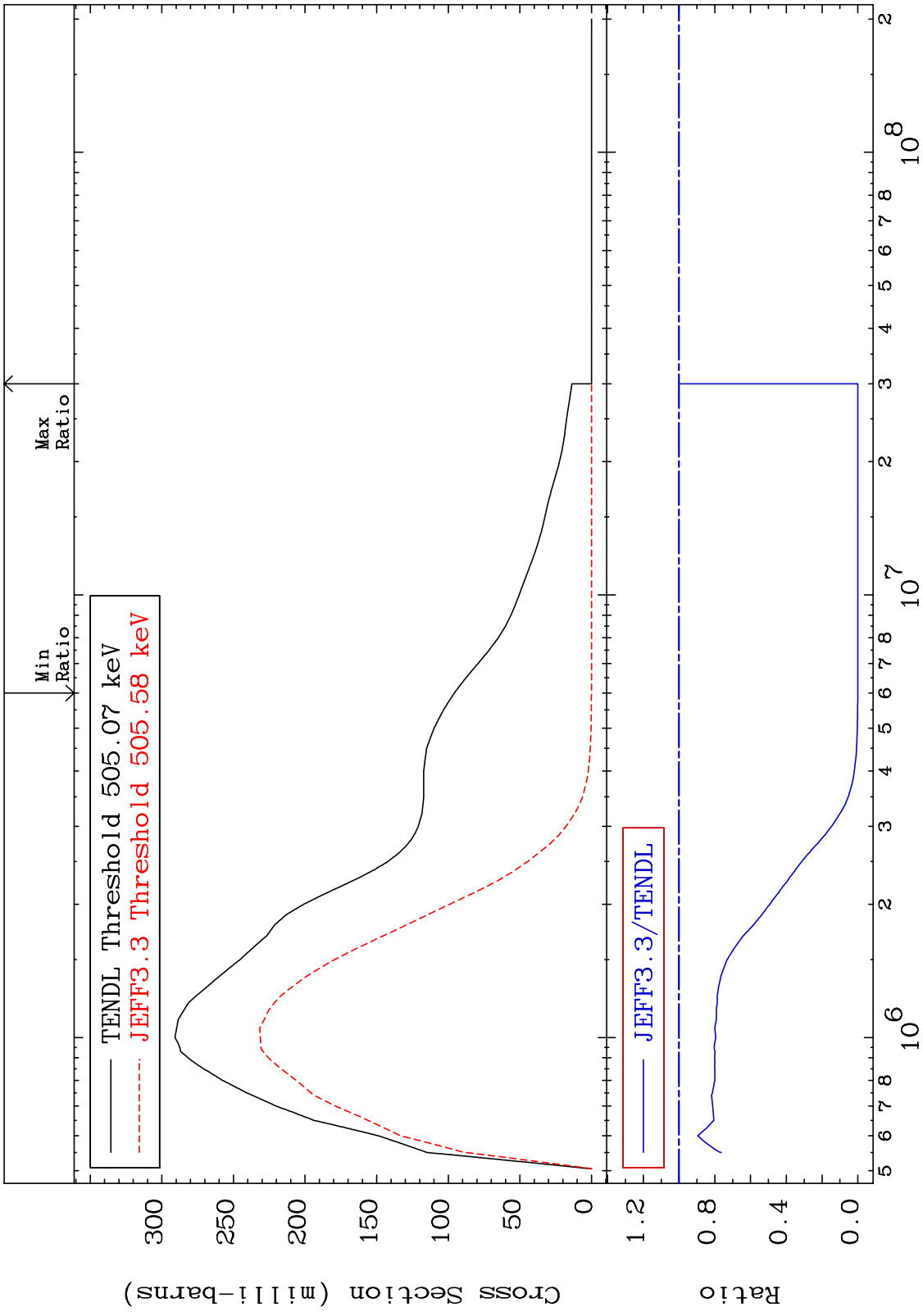
9 79-Au-197

MAT 7925 MT= 54 (n,n') Level Cross Section 79-Au-197  
 -100.0 To 32.42 %

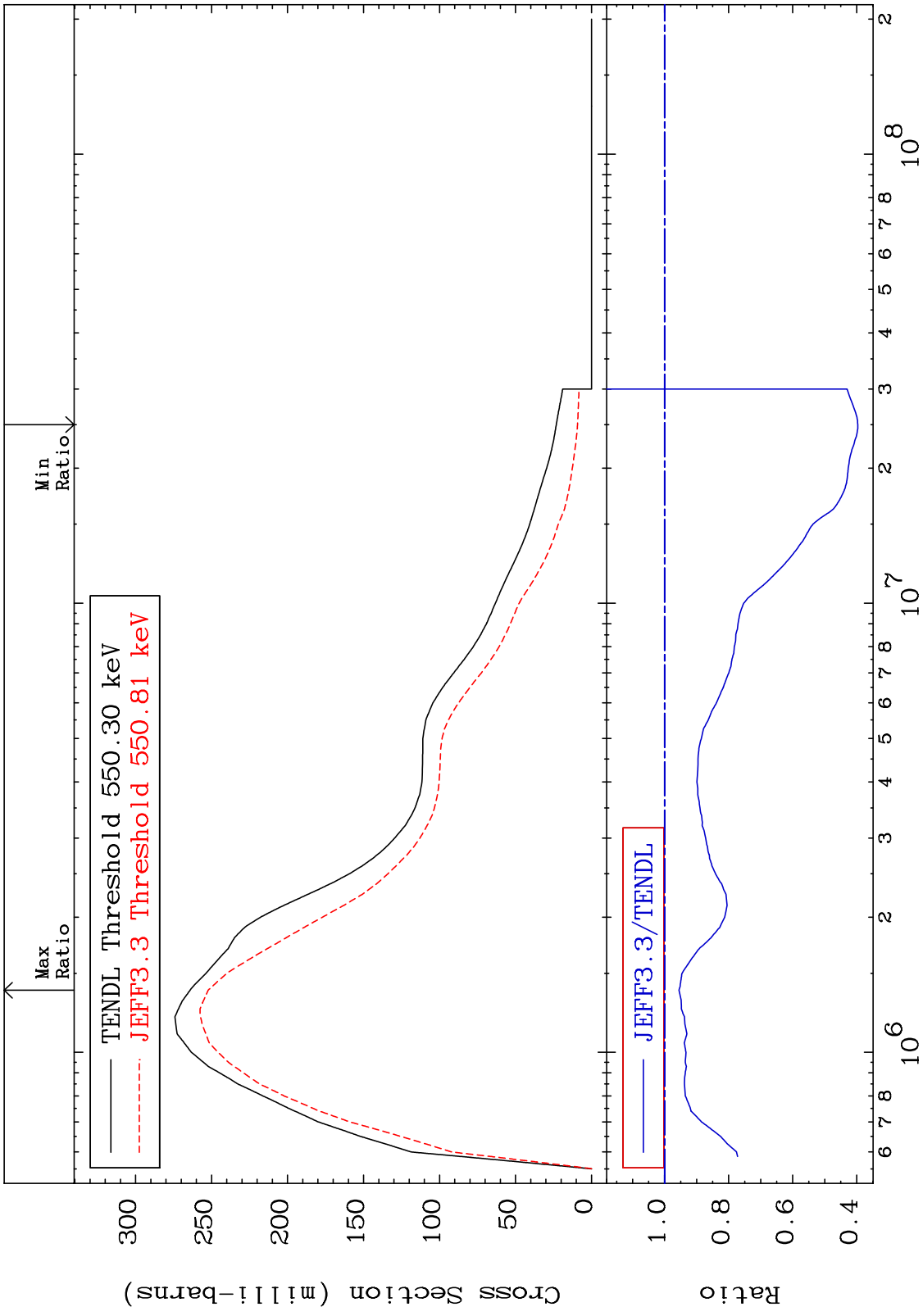


Incident Energy (eV) 79-Au-197

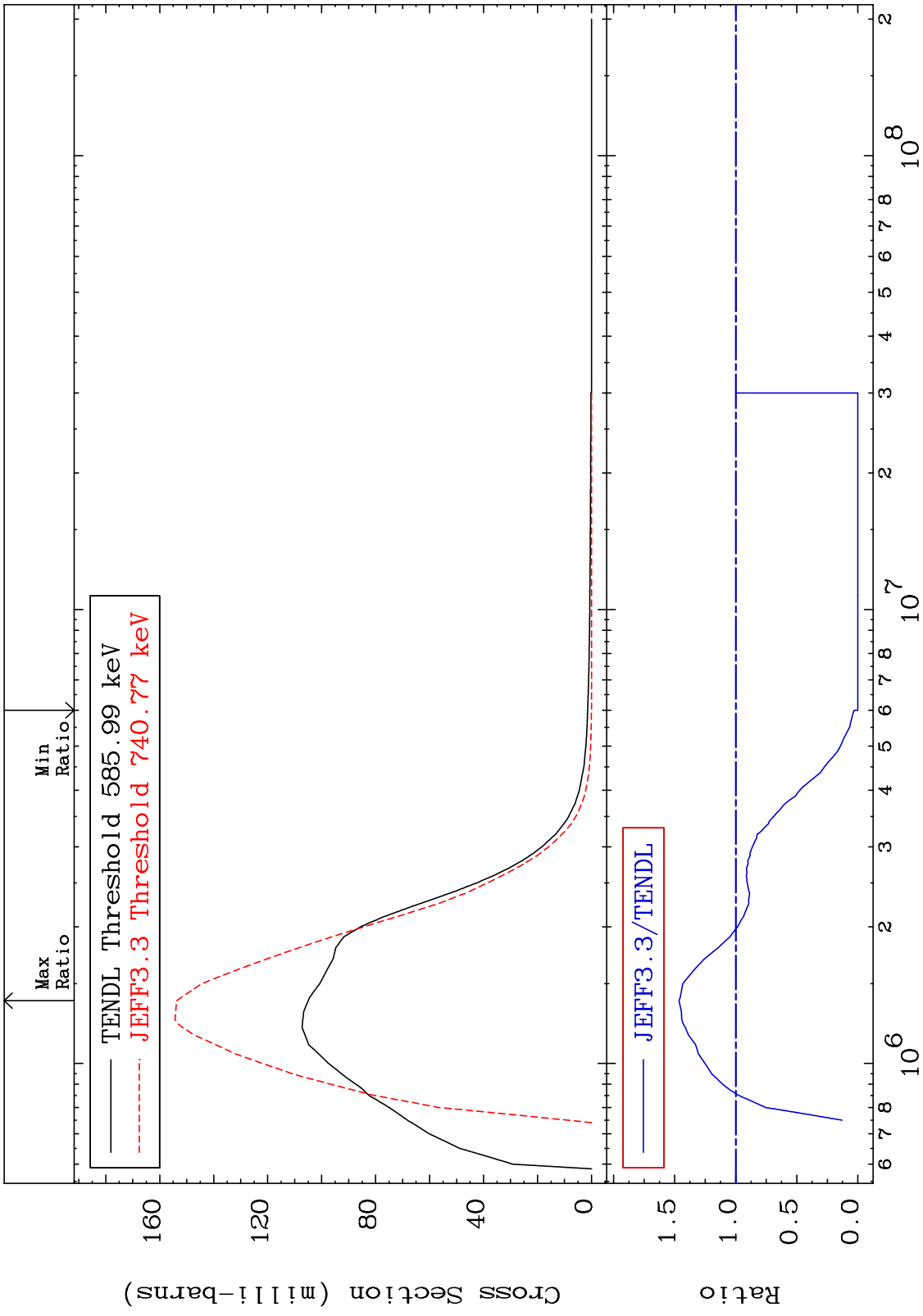
MAT 7925 MT= 55 (n,n') Level Cross Section -100.0 To 0.000 % 79-Au-197



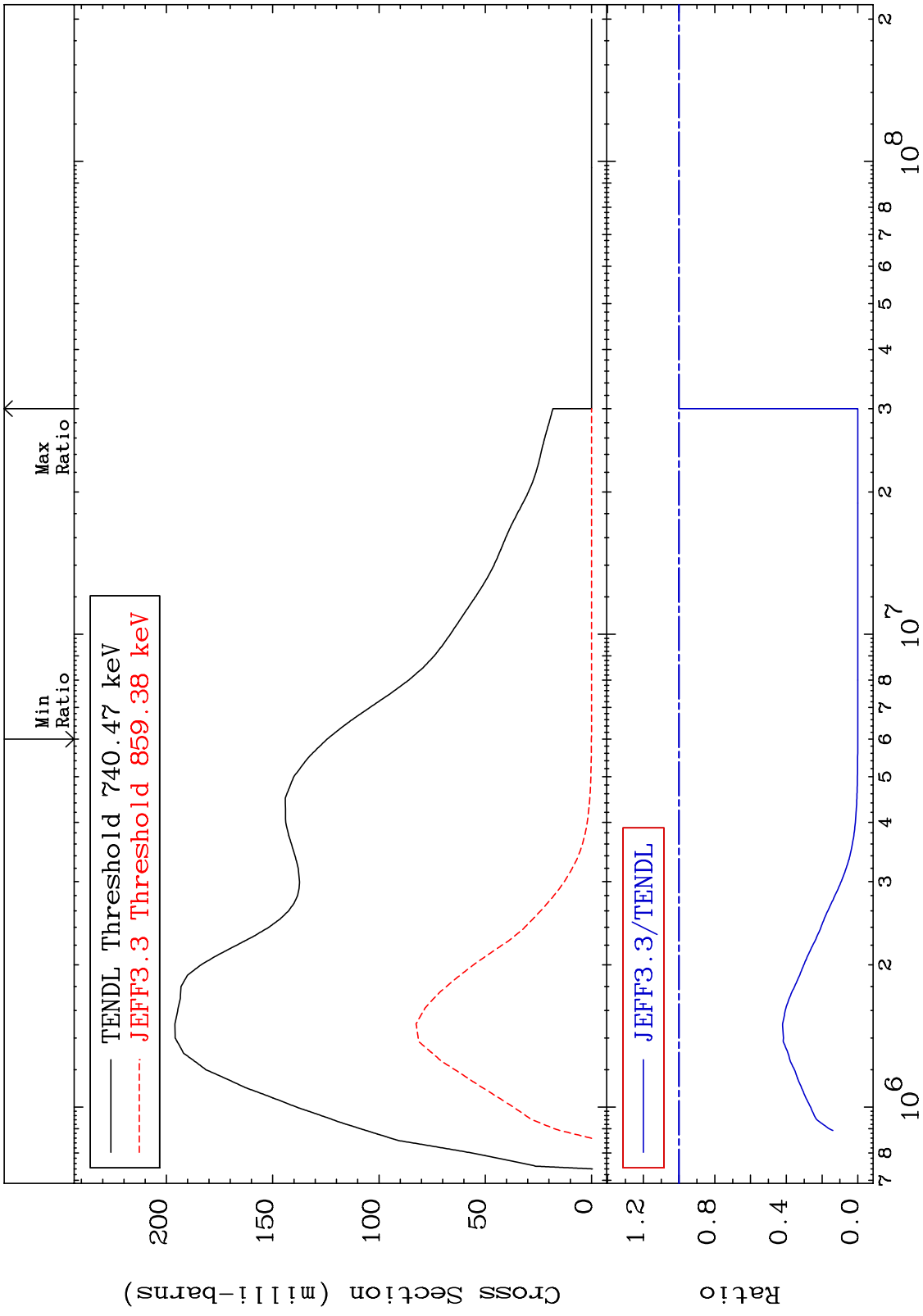
MAT 7925 MT= 56 (n,n') Level Cross Section 79-Au-197  
 -60.32 To -4.494%



MAT 7925 MT= 57 (n,n') Level Cross Section 79-Au-197  
 -100.0 To 46.44 %

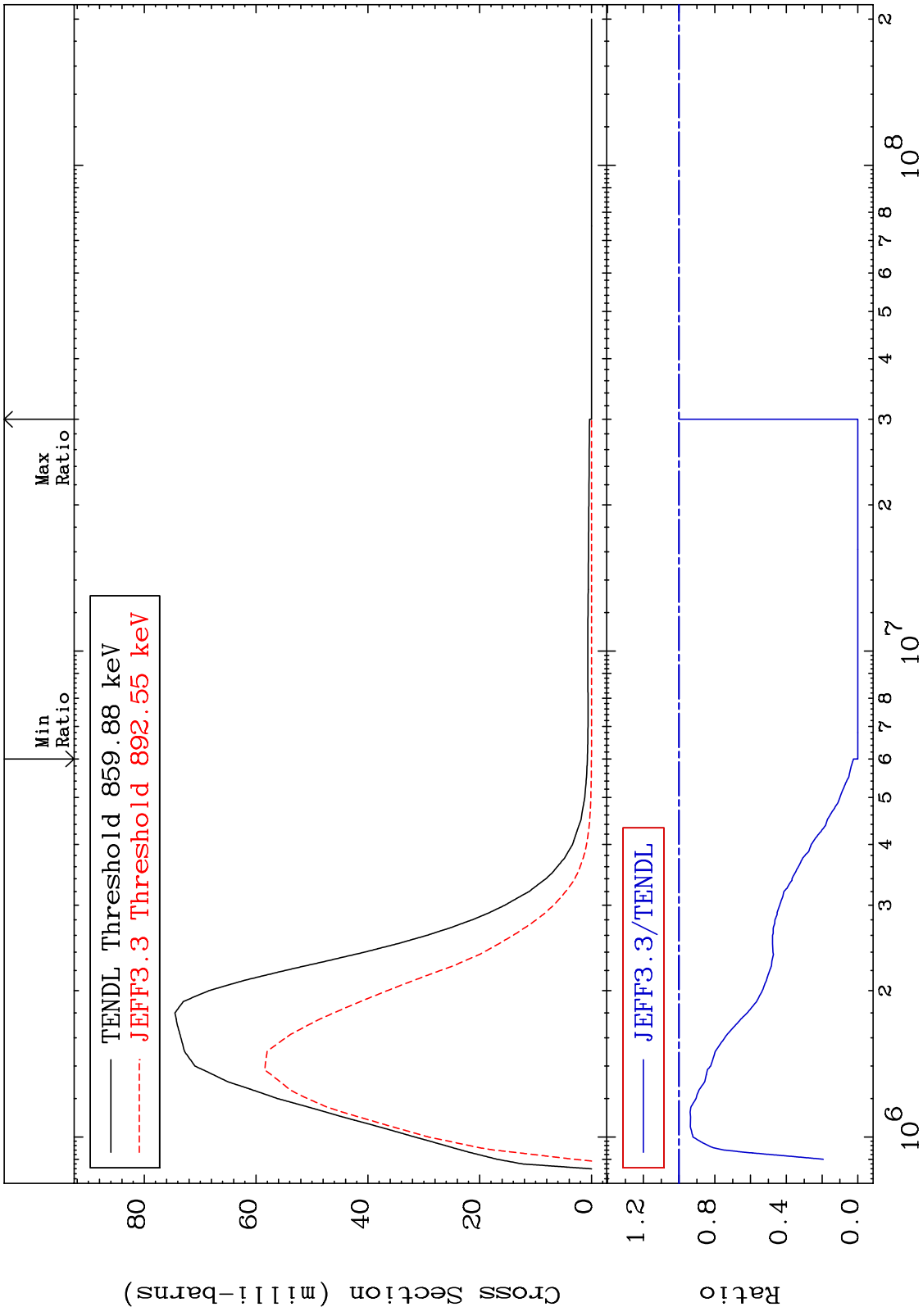


MAT 7925 MT= 58 (n,n') Level Cross Section -100.0 To 0.000 % 79-Au-197



14 79-Au-197 Incident Energy (eV)

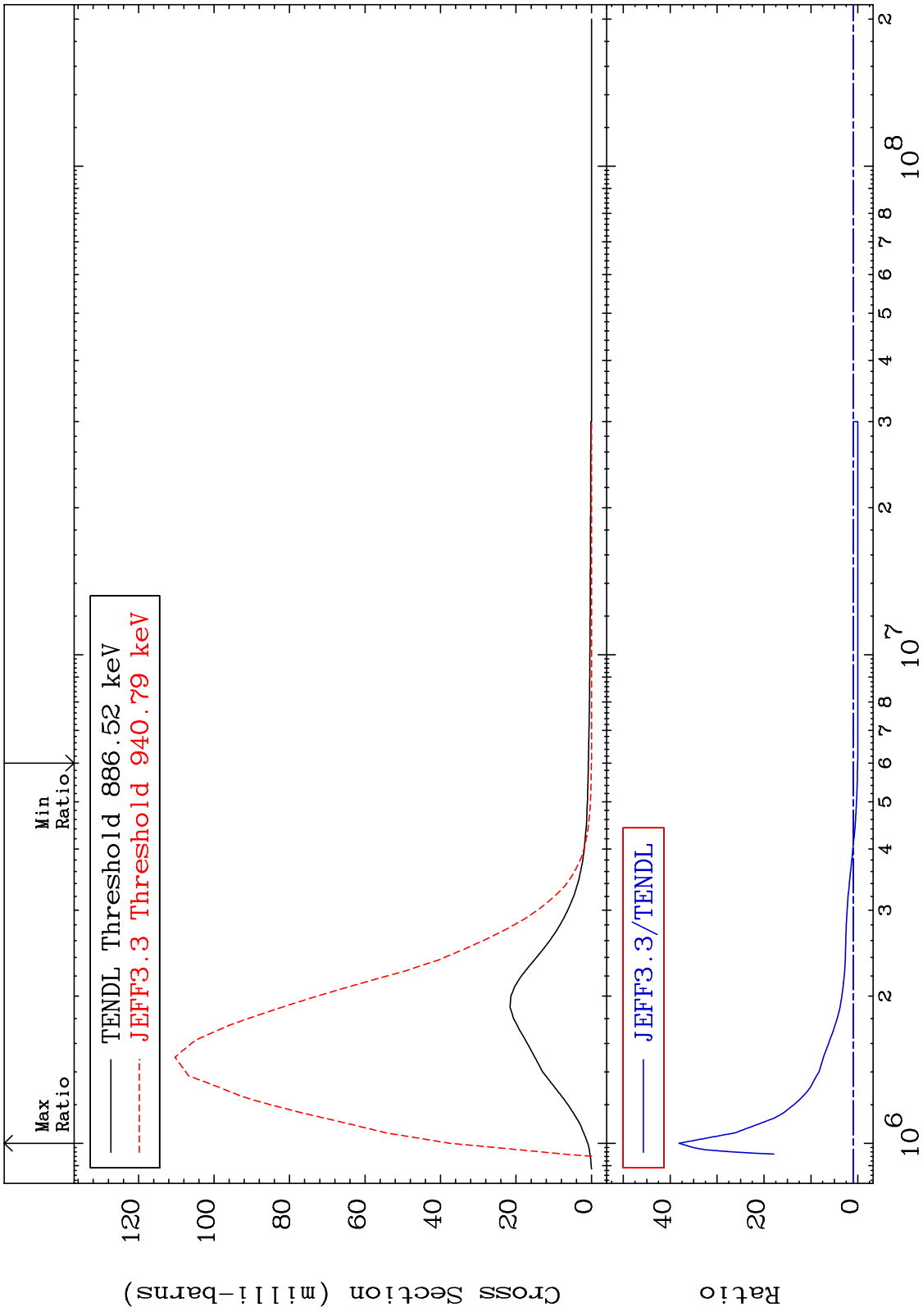
MAT 7925 MT= 59 (n,n') Level Cross Section -100.0 To 0.000 % 79-Au-197



15 Incident Energy (eV) 79-Au-197

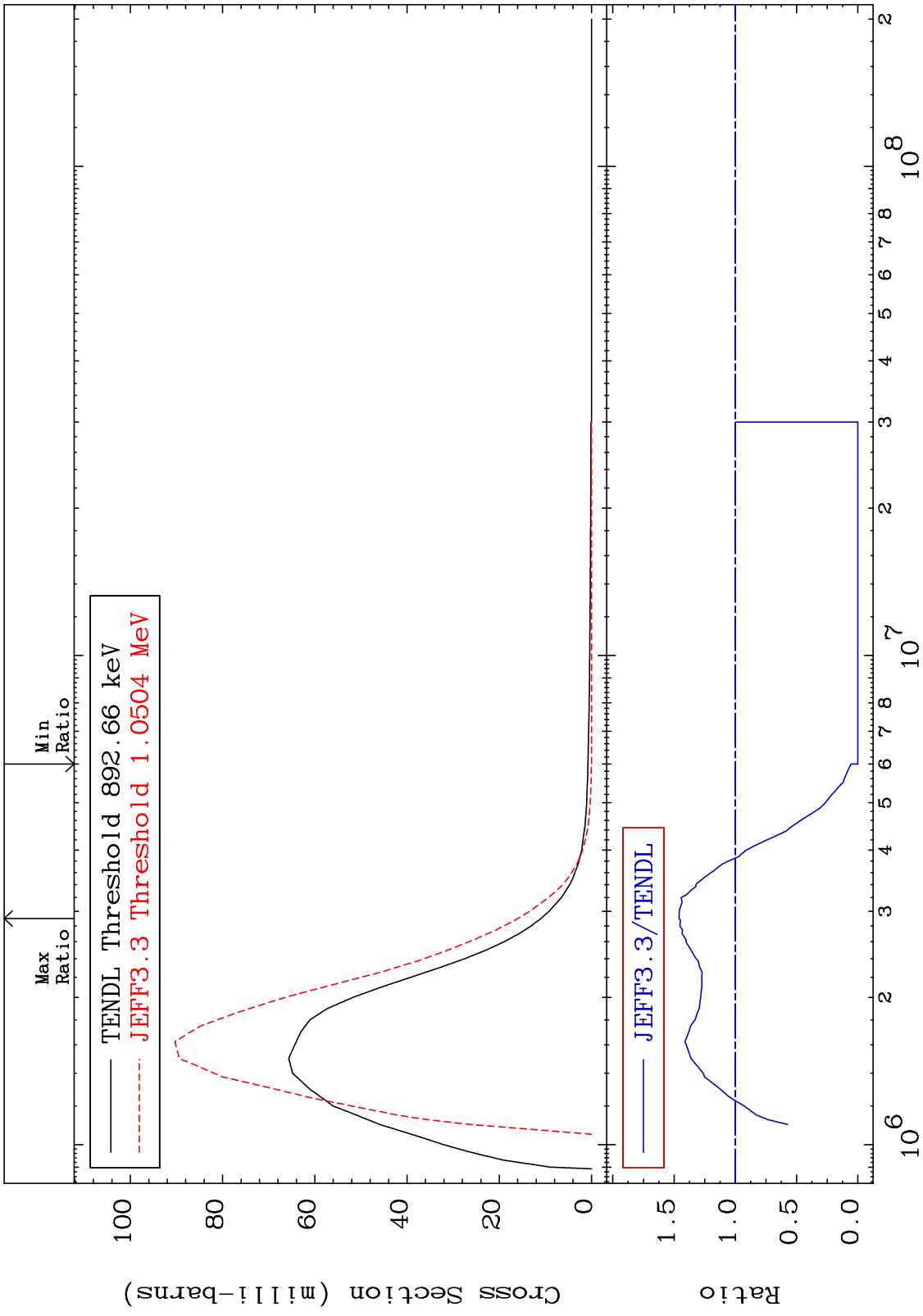


MAT 7925 MT= 60 (n,n') Level Cross Section 79-Au-197 -100.0 To 3712. %



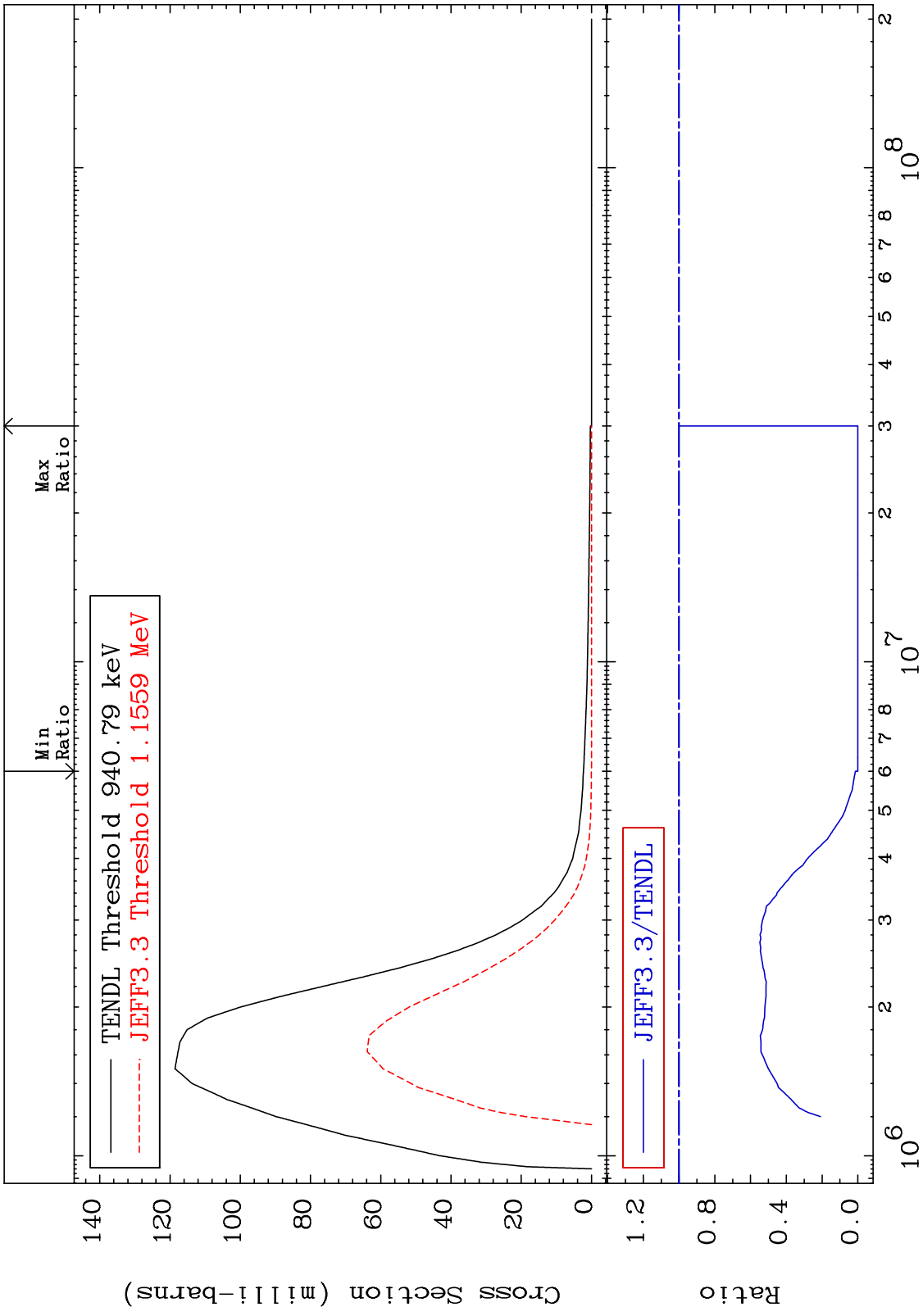
16 79-Au-197

MAT 7925 MT= 61 (n,n') Level Cross Section 79-Au-197  
-100.0 To 45.95 %



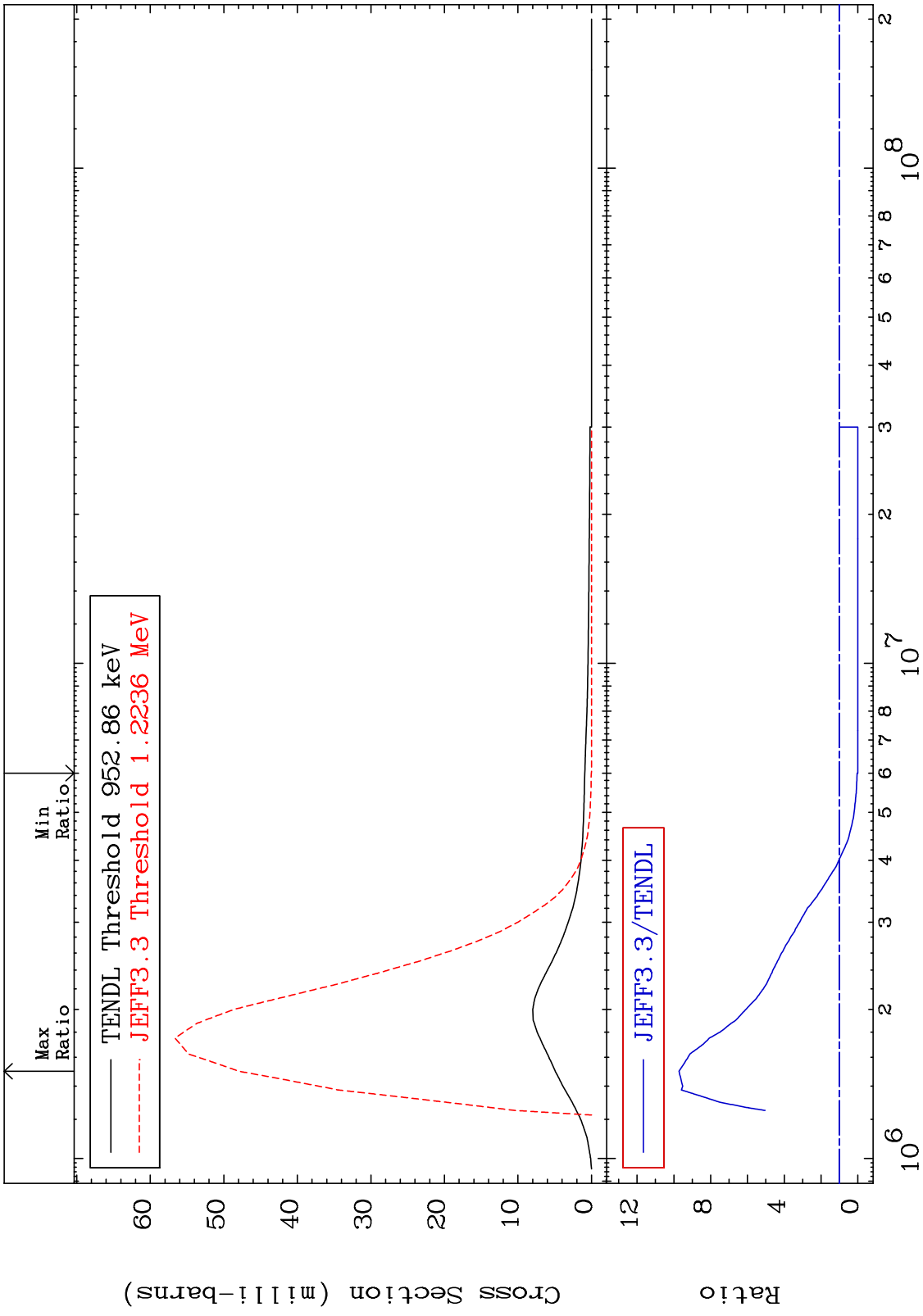
17 79-Au-197

MAT 7925 MT= 62 (n,n') Level Cross Section 79-Au-197 -100.0 To 0.000 %



18 79-Au-197

MAT 7925 MT= 63 (n,n') Level Cross Section -100.0 To 871.9 % 79-Au-197

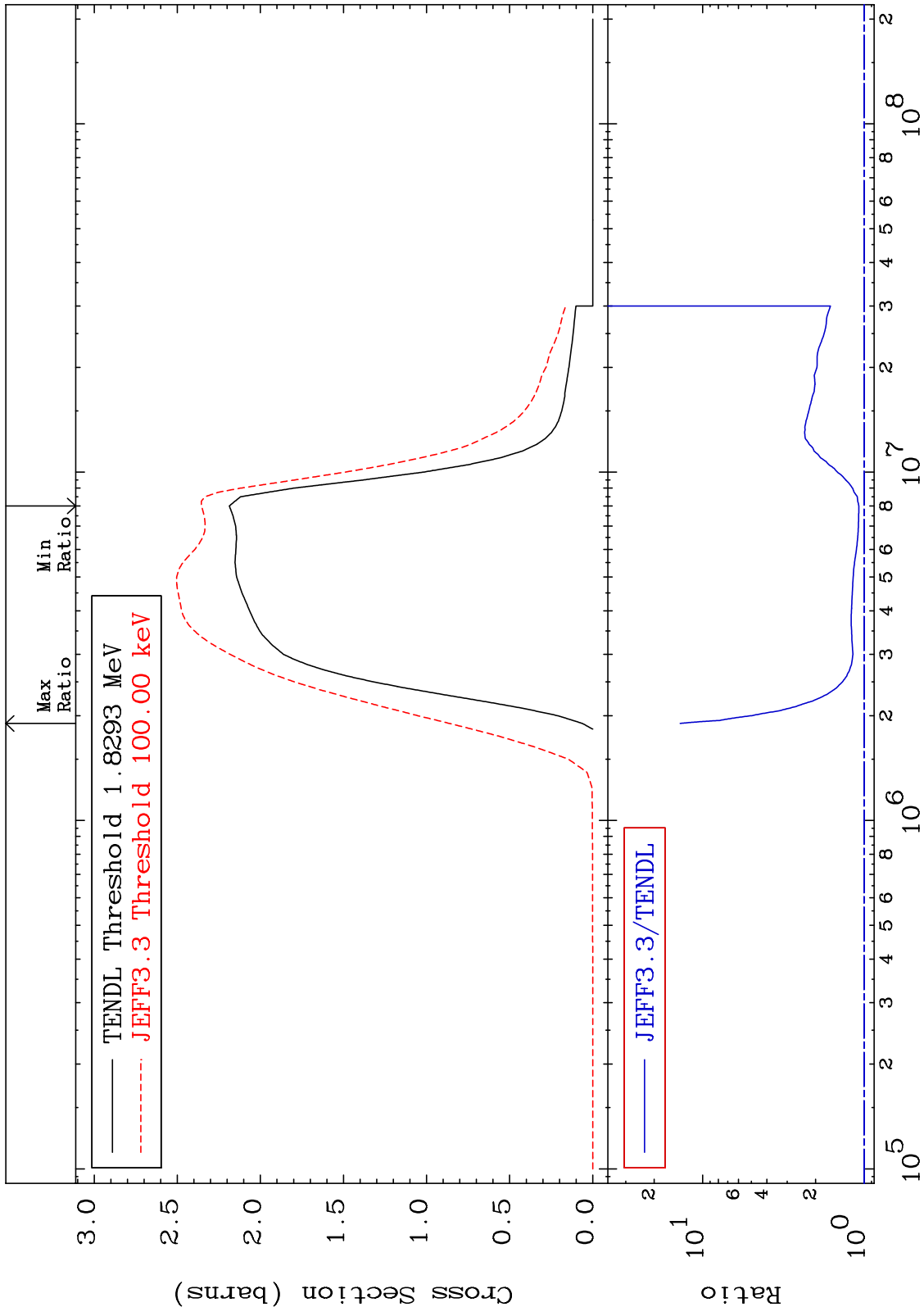


19 Incident Energy (eV) 79-Au-197

MAT 7925

(n, n') Continuum  
Cross Section

79-Au-197  
7.683 To 1279. %



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Incident Energy (eV)

79-Au-197

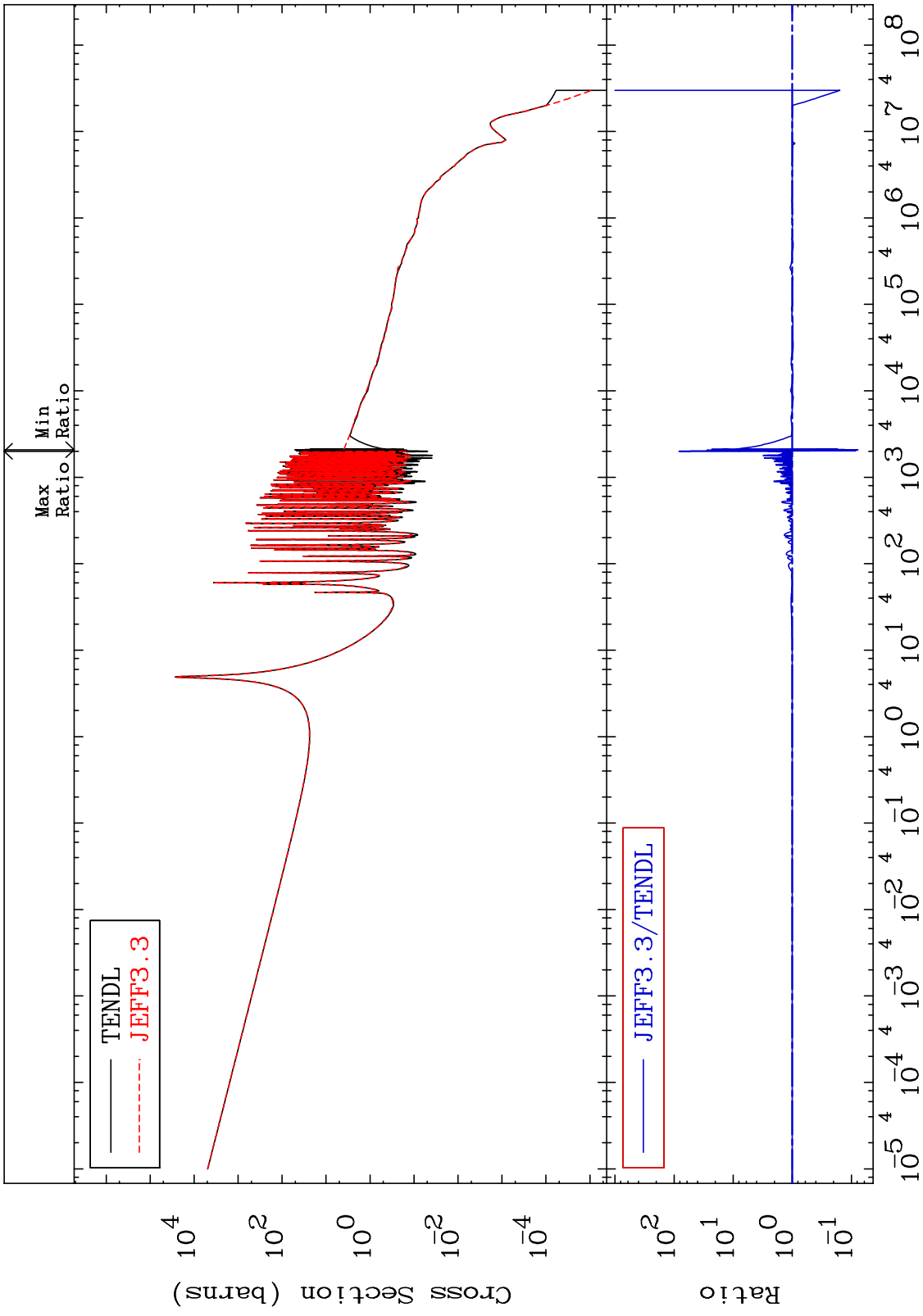
MAT 7925

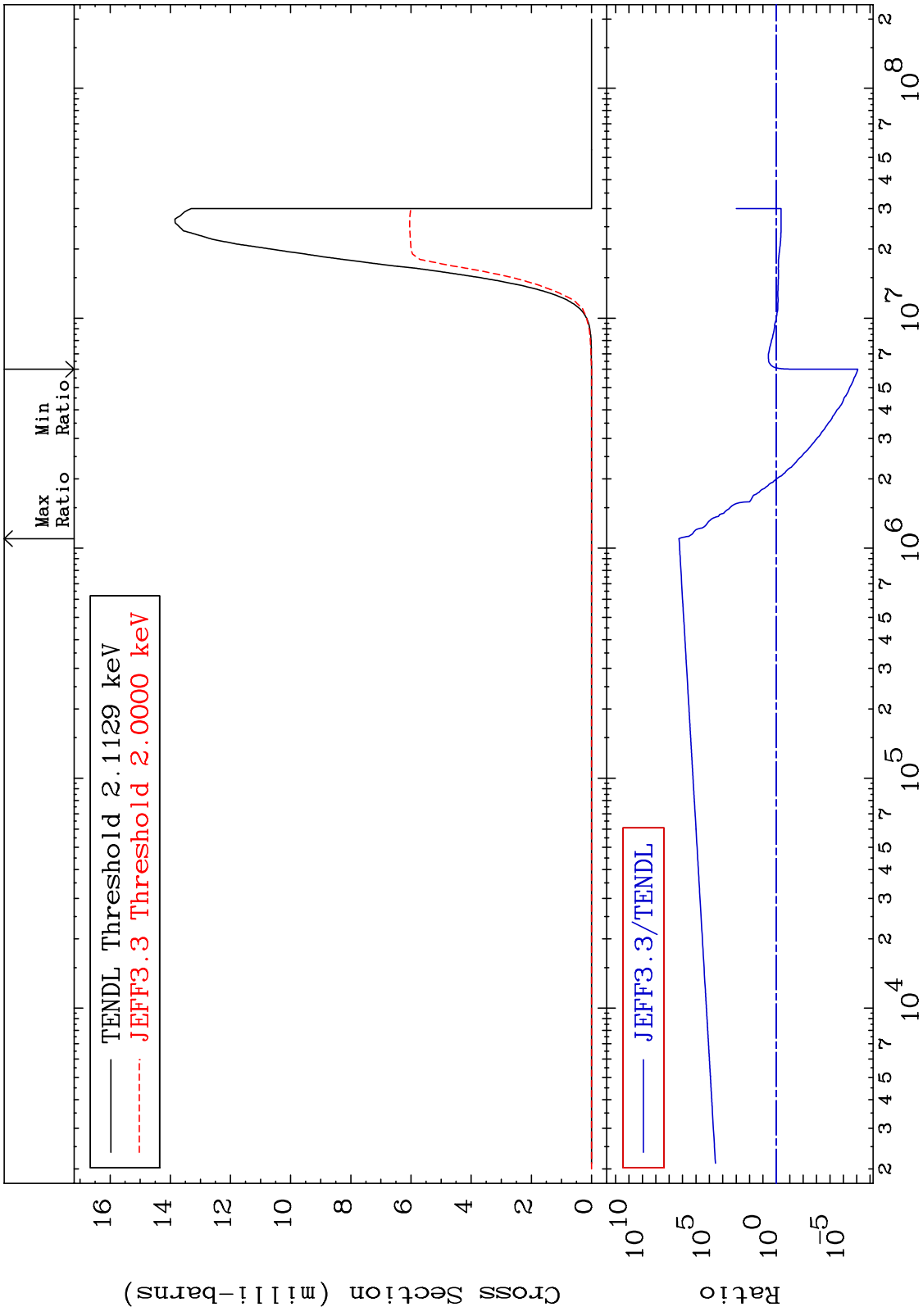
(n,  $\gamma$ )

79-Au-197

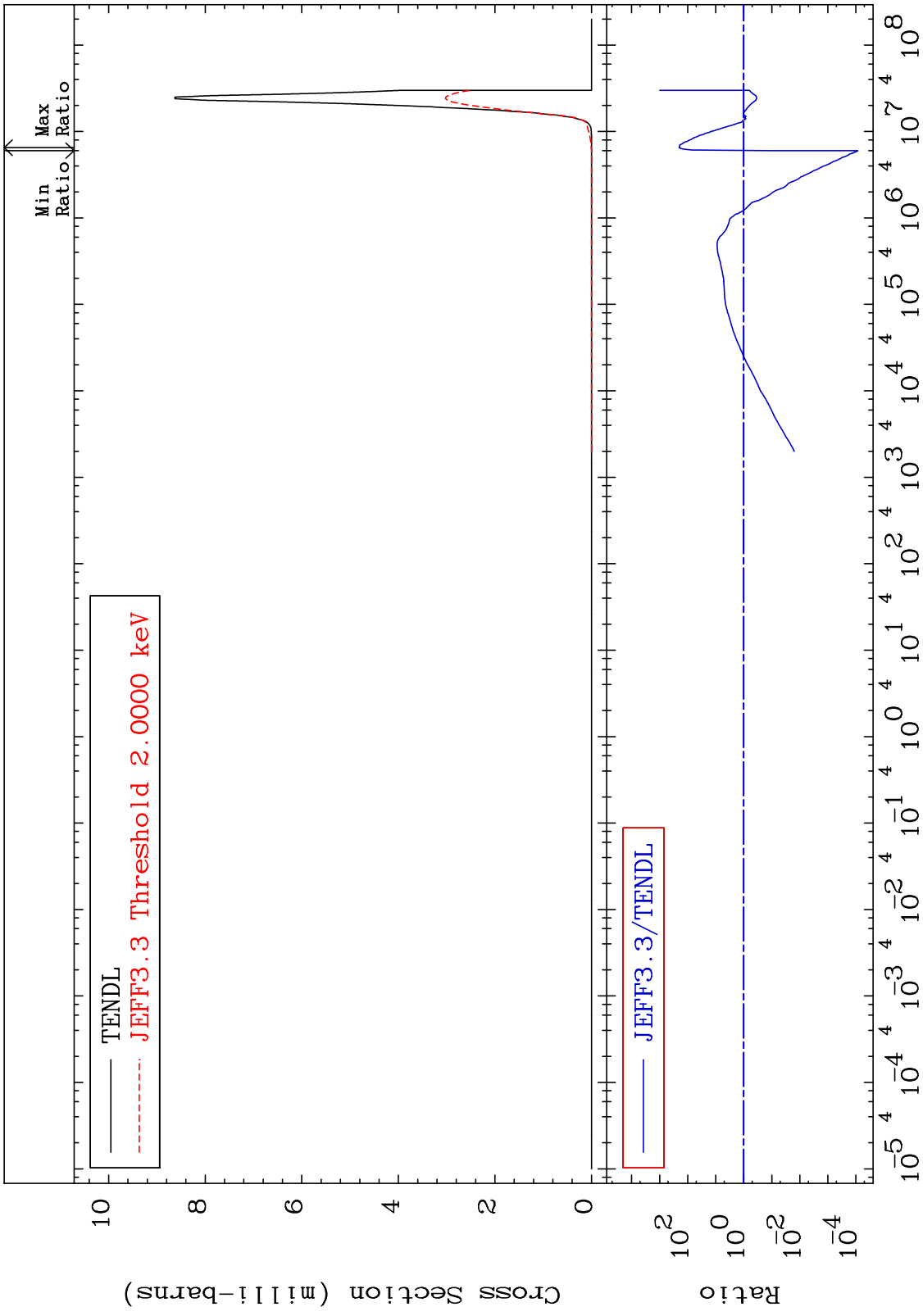
Cross Section

-92.23 To 8135. %

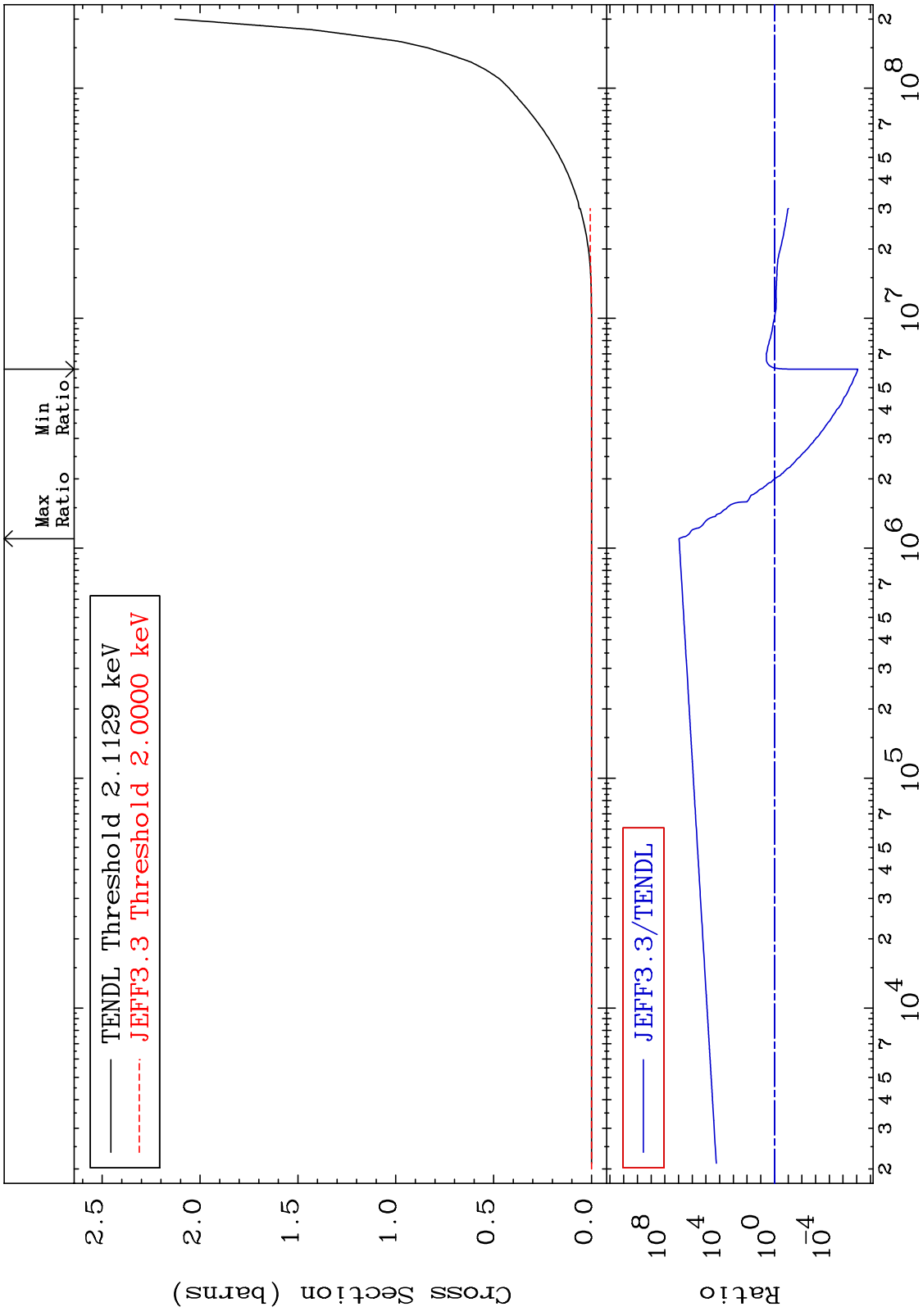




MAT 7925 (n,α) Cross Section 79-Au-197 -99.99 To 9999. %



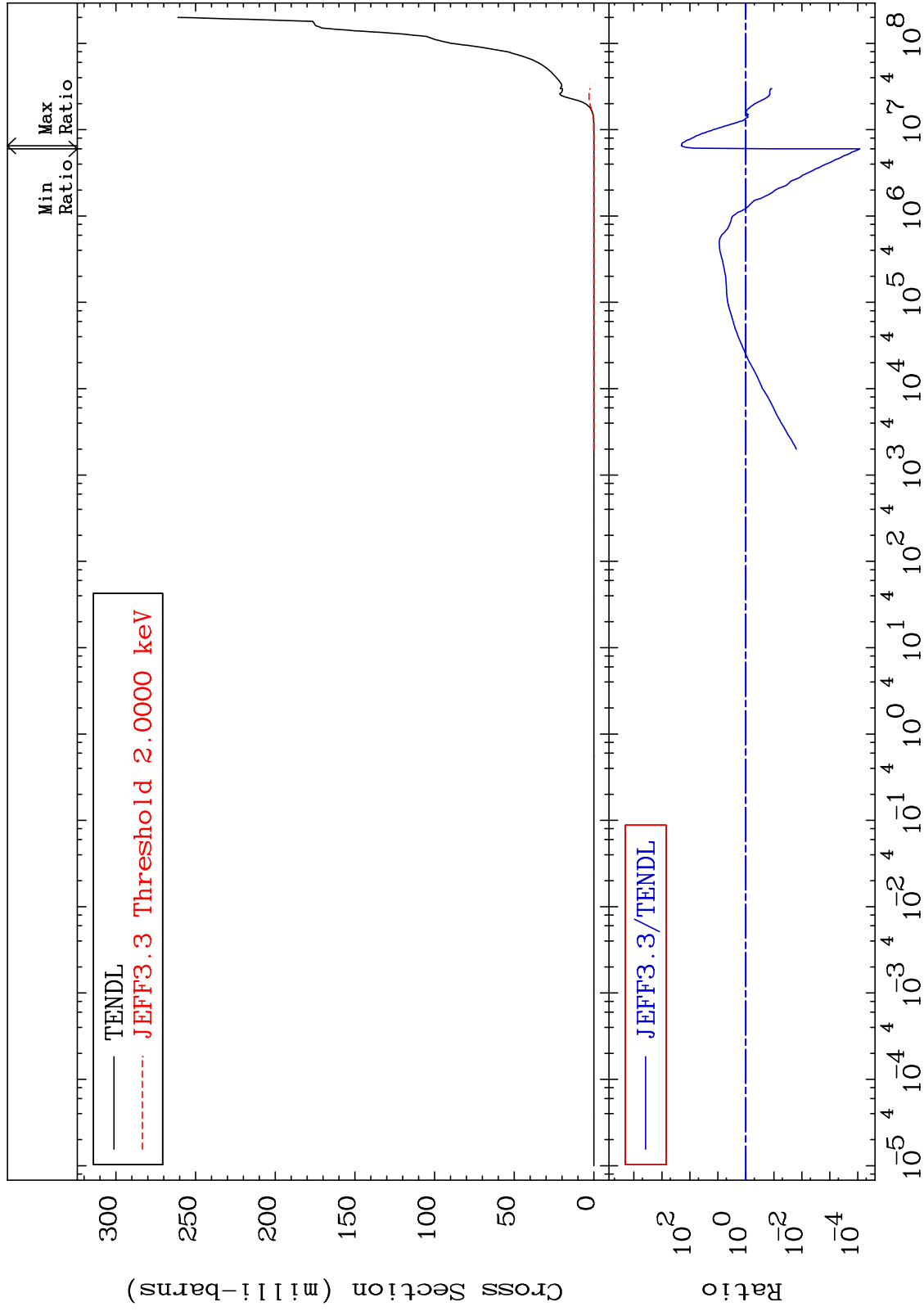




MAT 7925

He-4 Production  
Cross Section

79-Au-197  
-99.99 To 9999. %

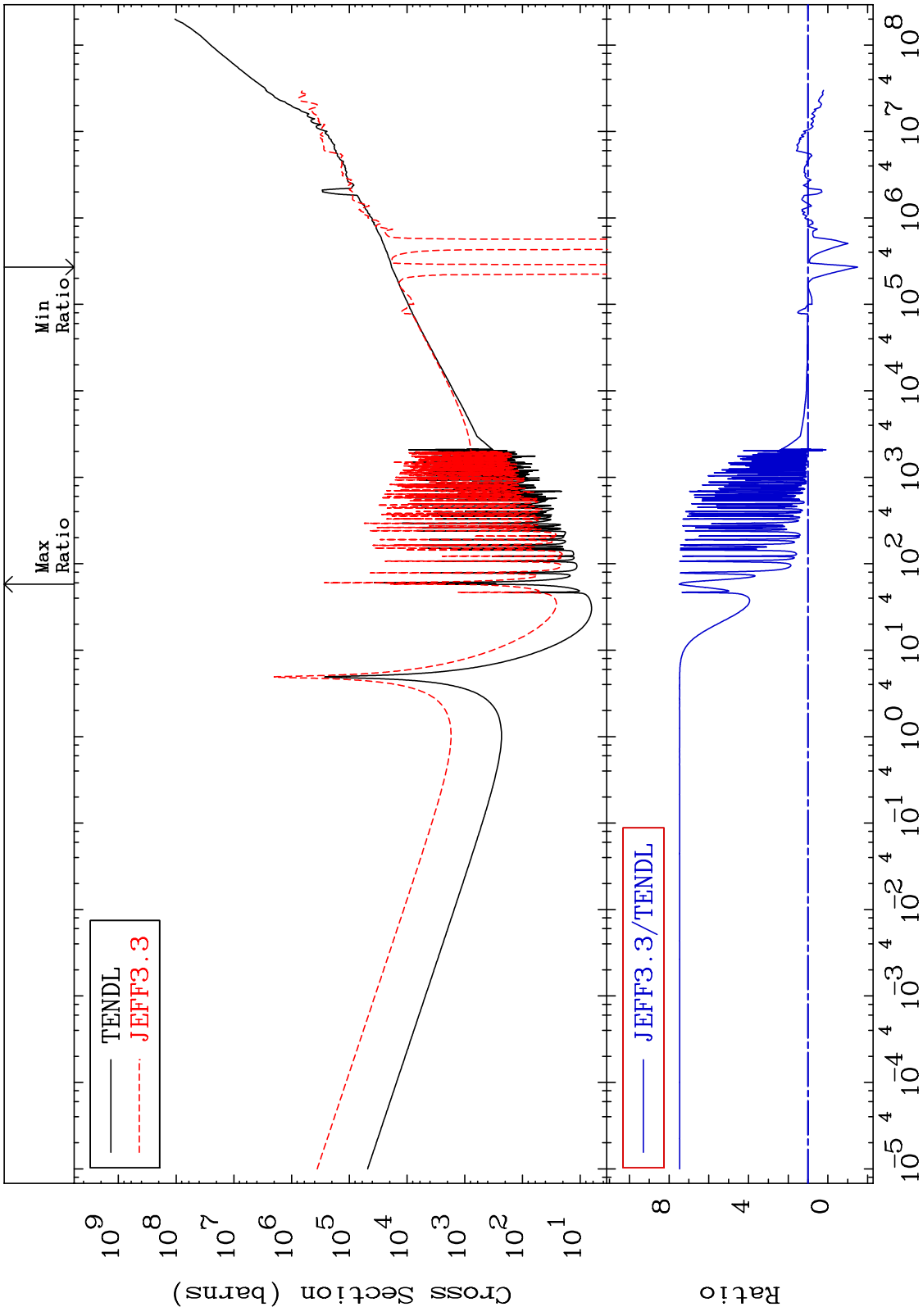


25

Incident Energy (eV)

79-Au-197

MAT 7925      Kerma total (eV-barns)      79-Au-197  
 -250.7 To 649.7 %  
 Cross Section

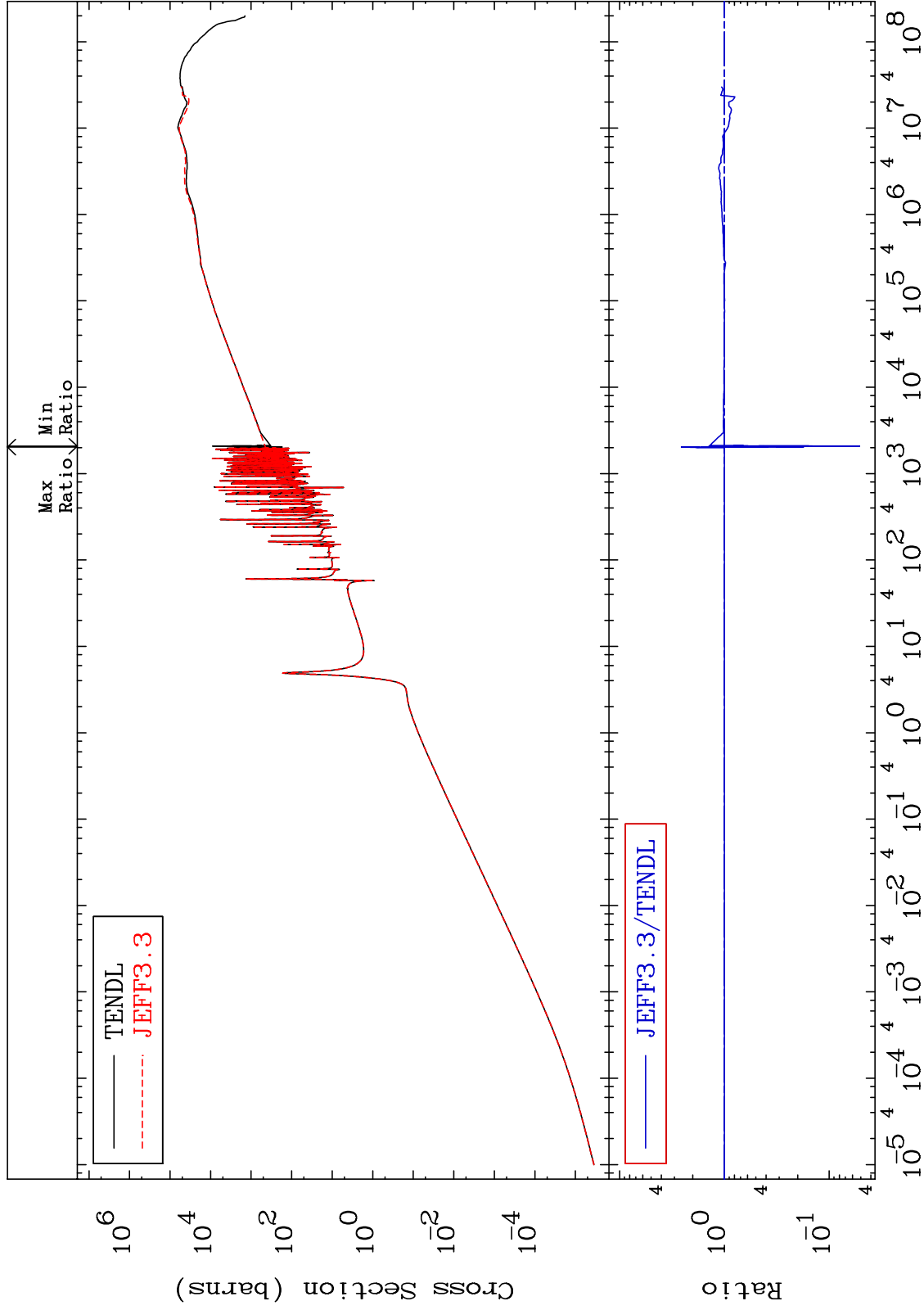


26      Incident Energy (eV)      79-Au-197

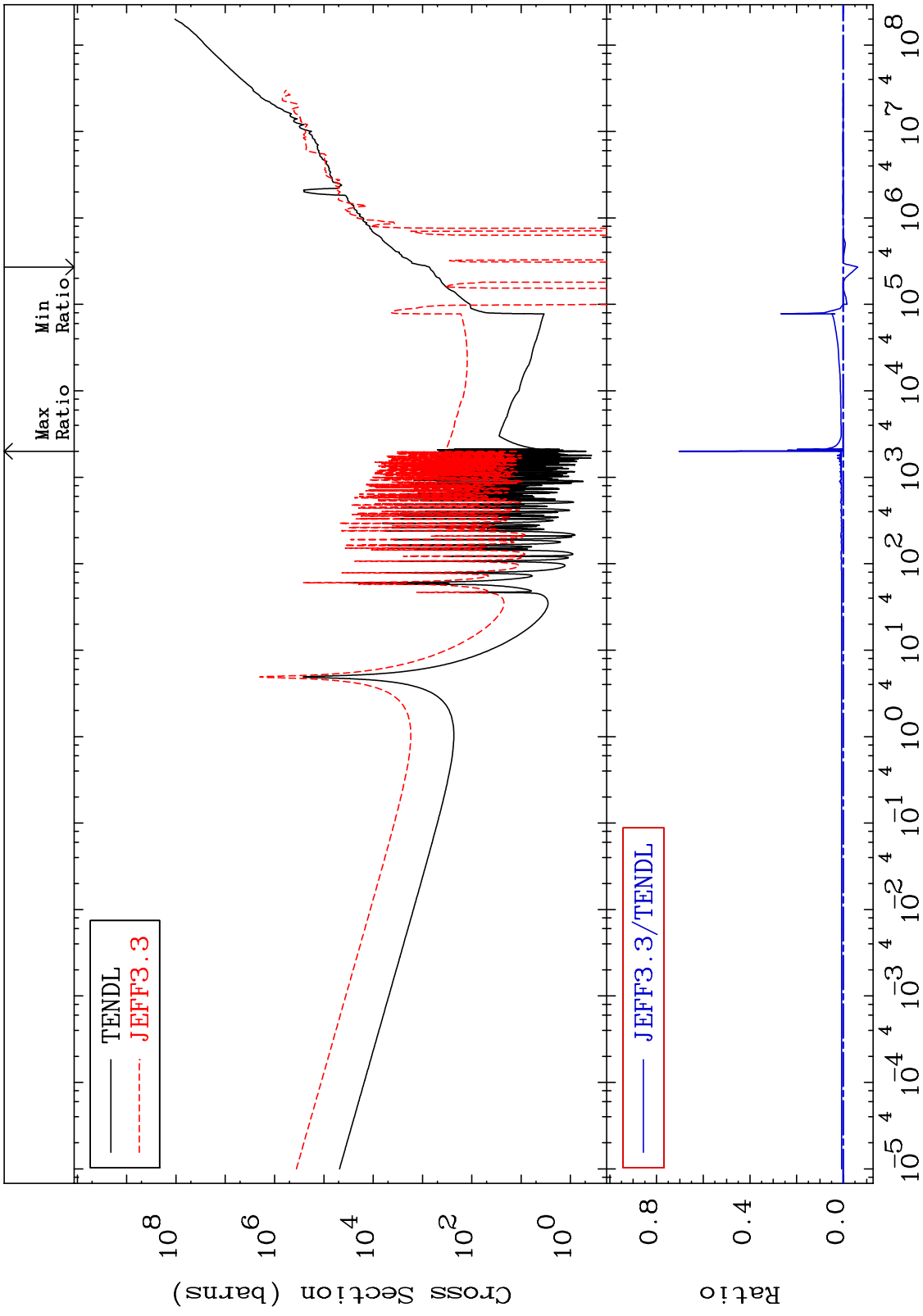
MAT 7925

Kerma elastic  
Cross Section

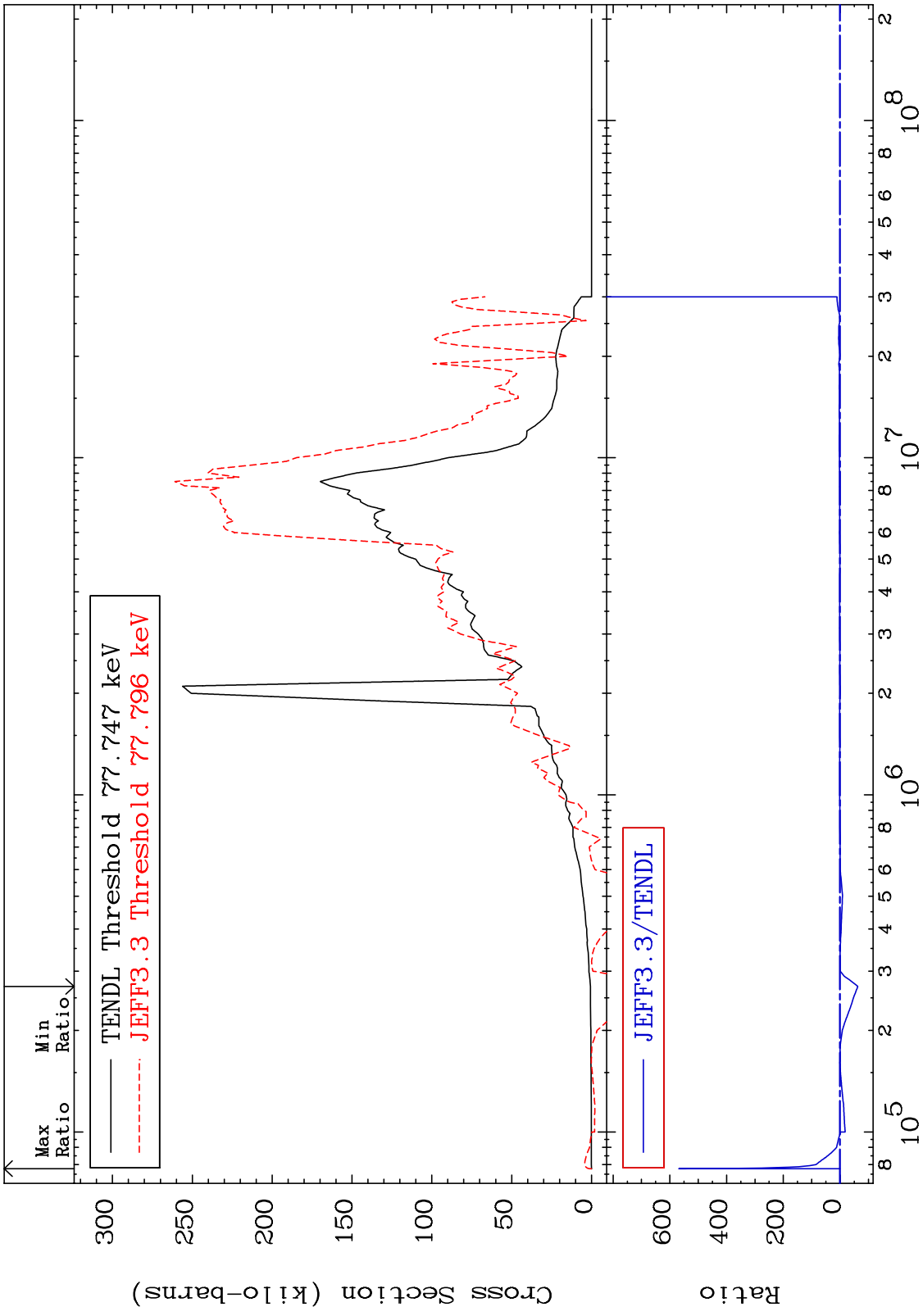
79-Au-197  
-94.89 To 157.9 %



MAT 7925      Kerma non-elastic (all but mt2)      79-Au-197  
 Cross Section      -6310. To 9999. %



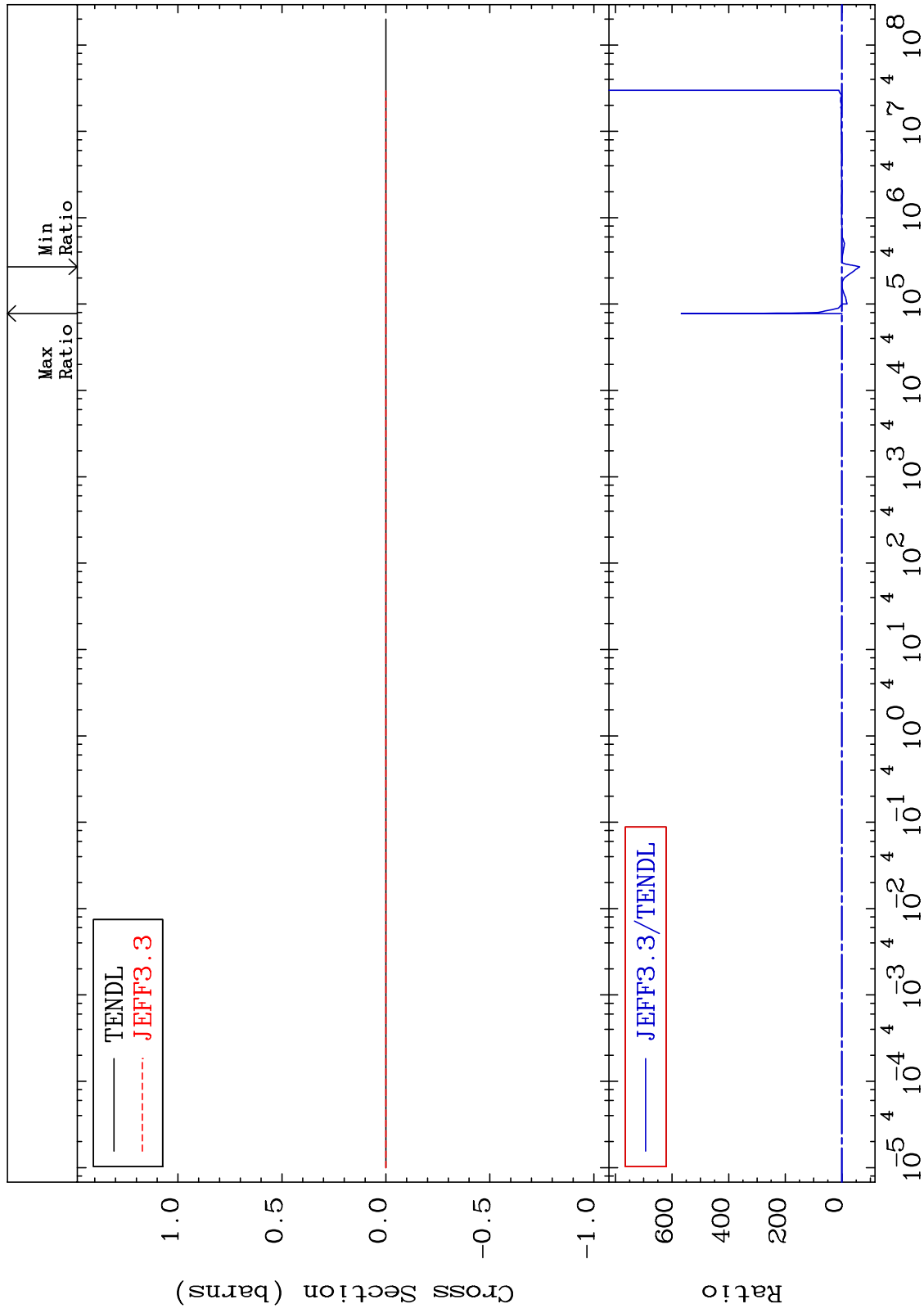
MAT 7925 Kerma inelastic (mt51-91) 79-Au-197  
 -6374. To 9999. %  
 Cross Section



MAT 7925

Kerma fission (mt18 or mt19-20-21-38)  
Cross Section

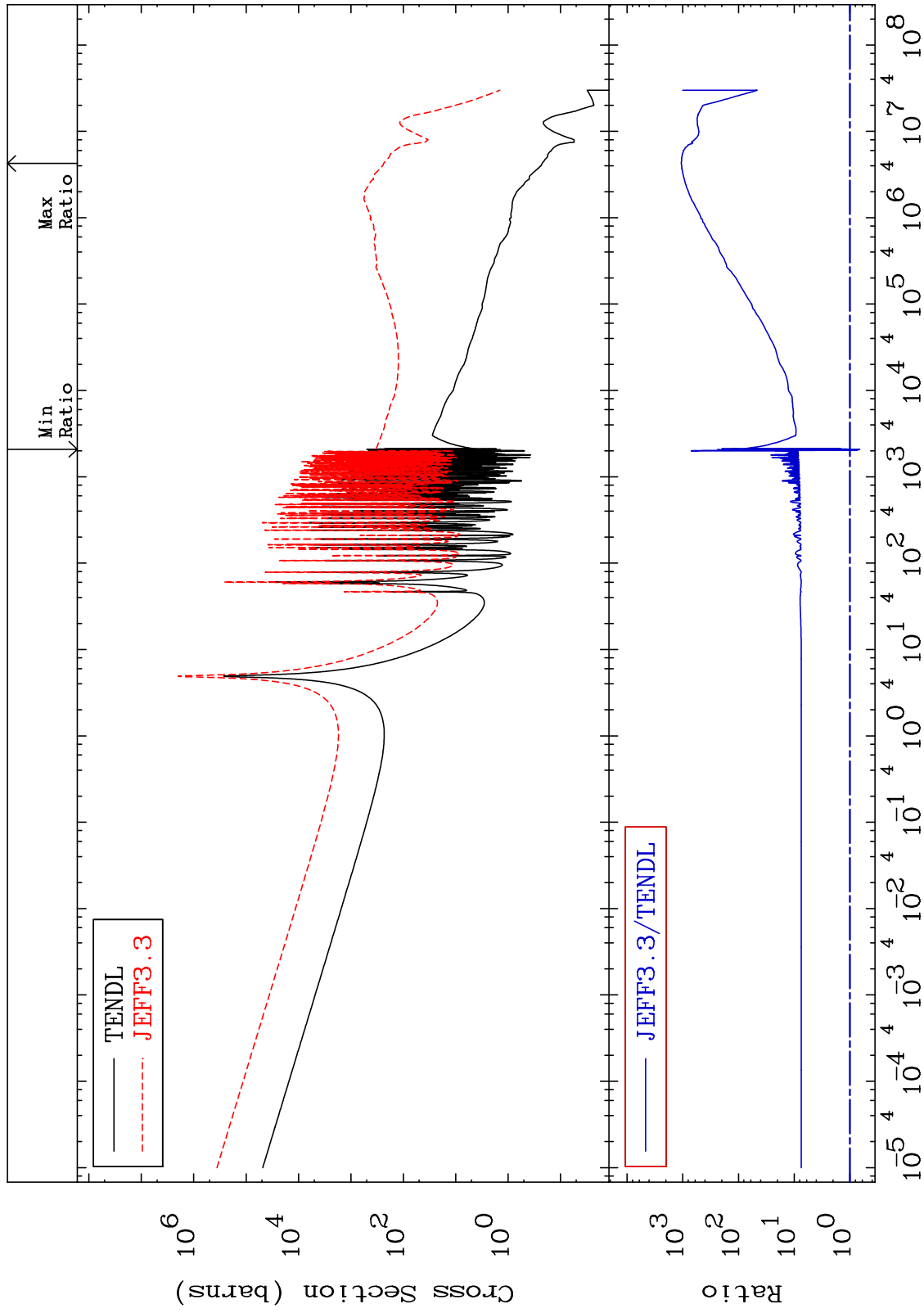
79-Au-197  
-6374. To 9999. %



MAT 7925

Kerma capture (mt102)  
Cross Section

79-Au-197  
-33.35 To 9999. %

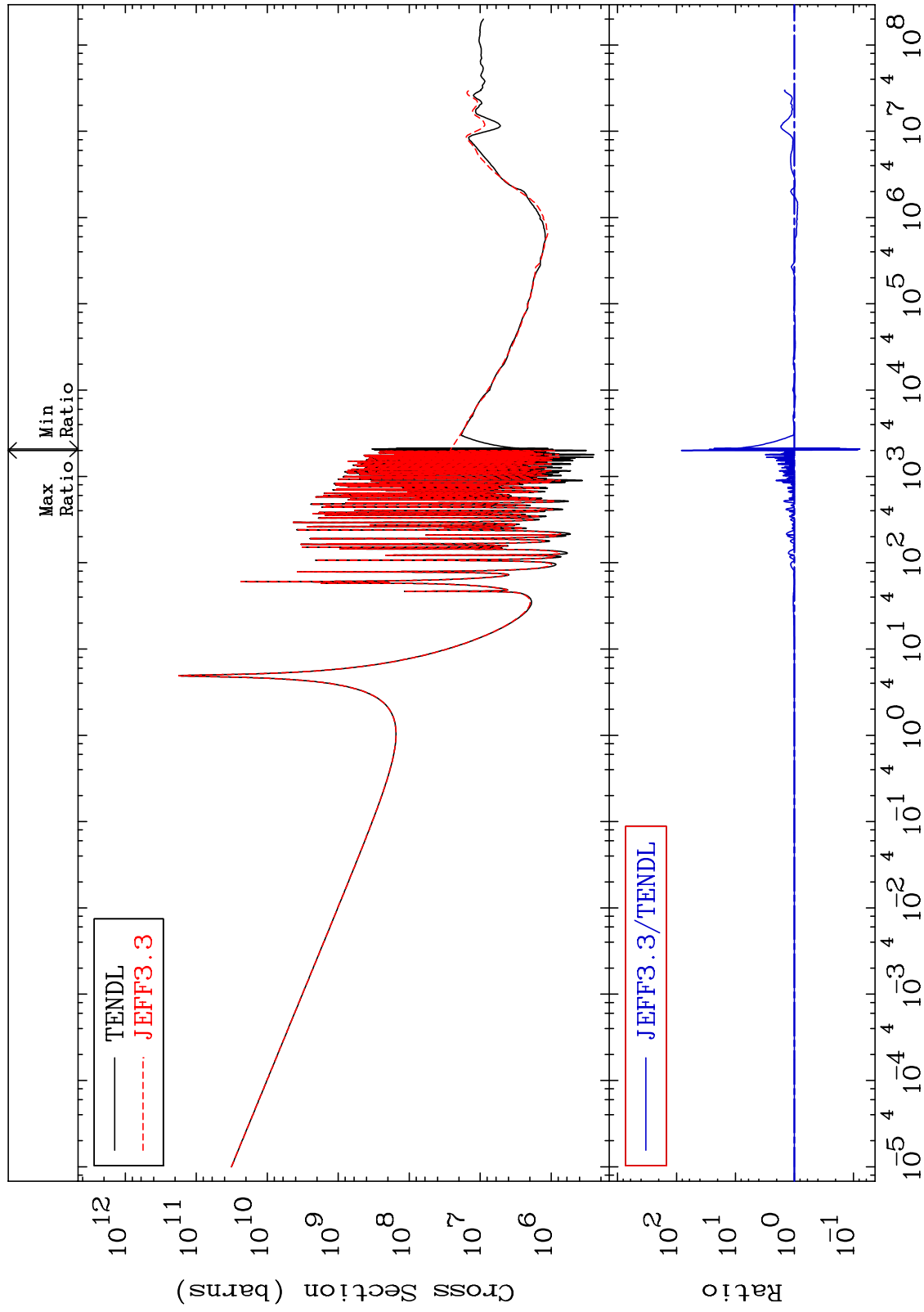




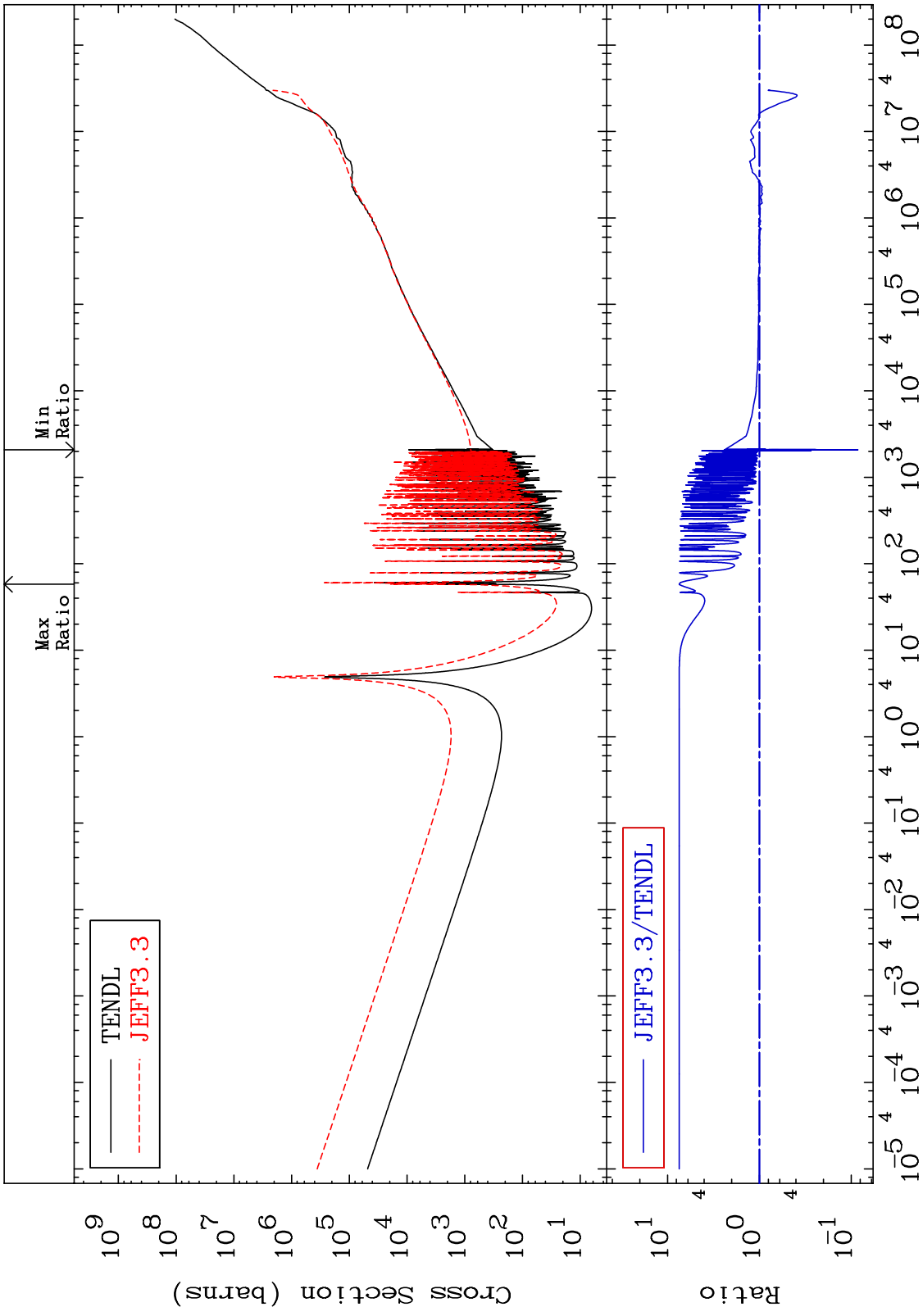
MAT 7925

Total photon (eV-barns)  
Cross Section

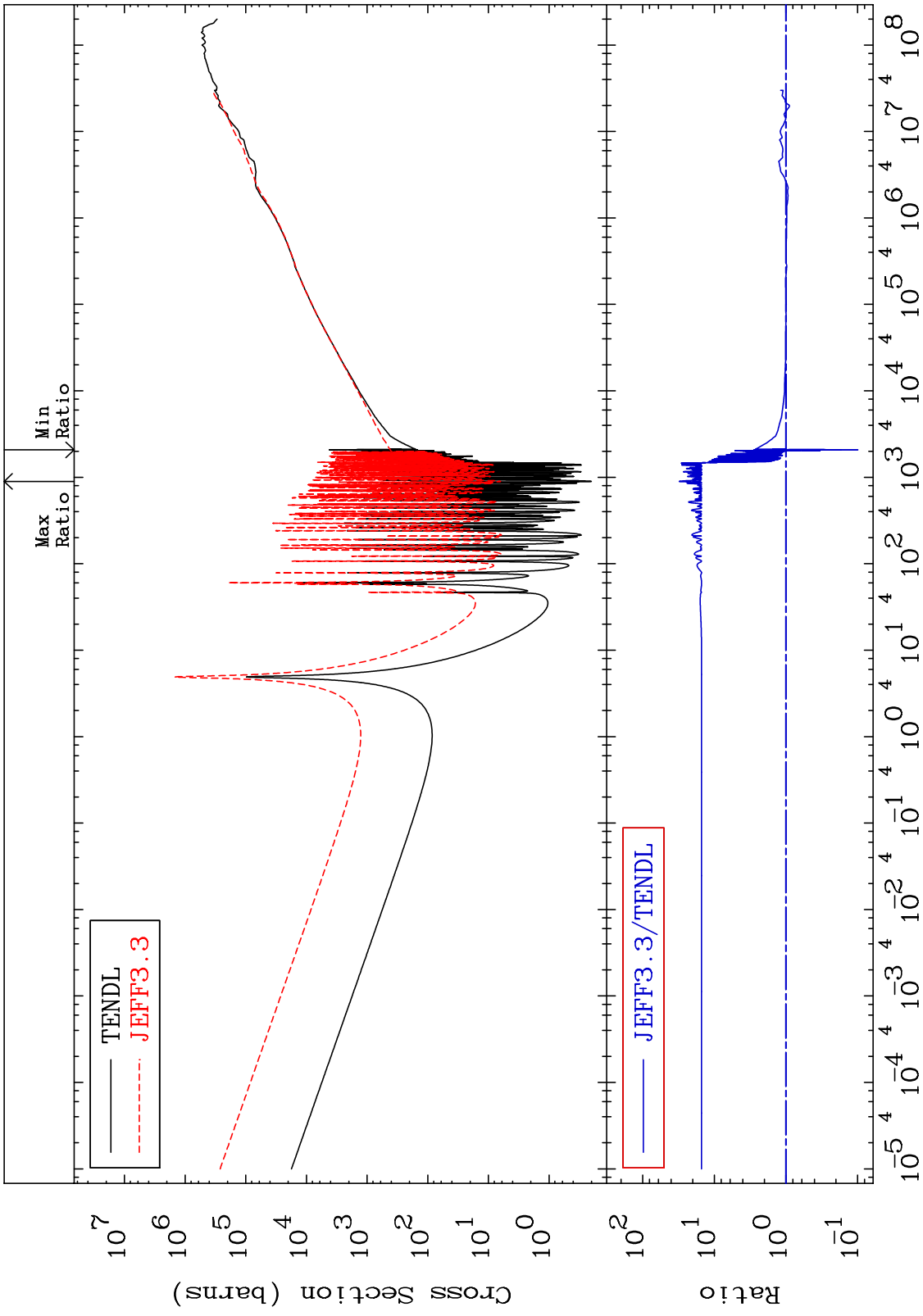
79-Au-197  
-92.23 To 8135. %



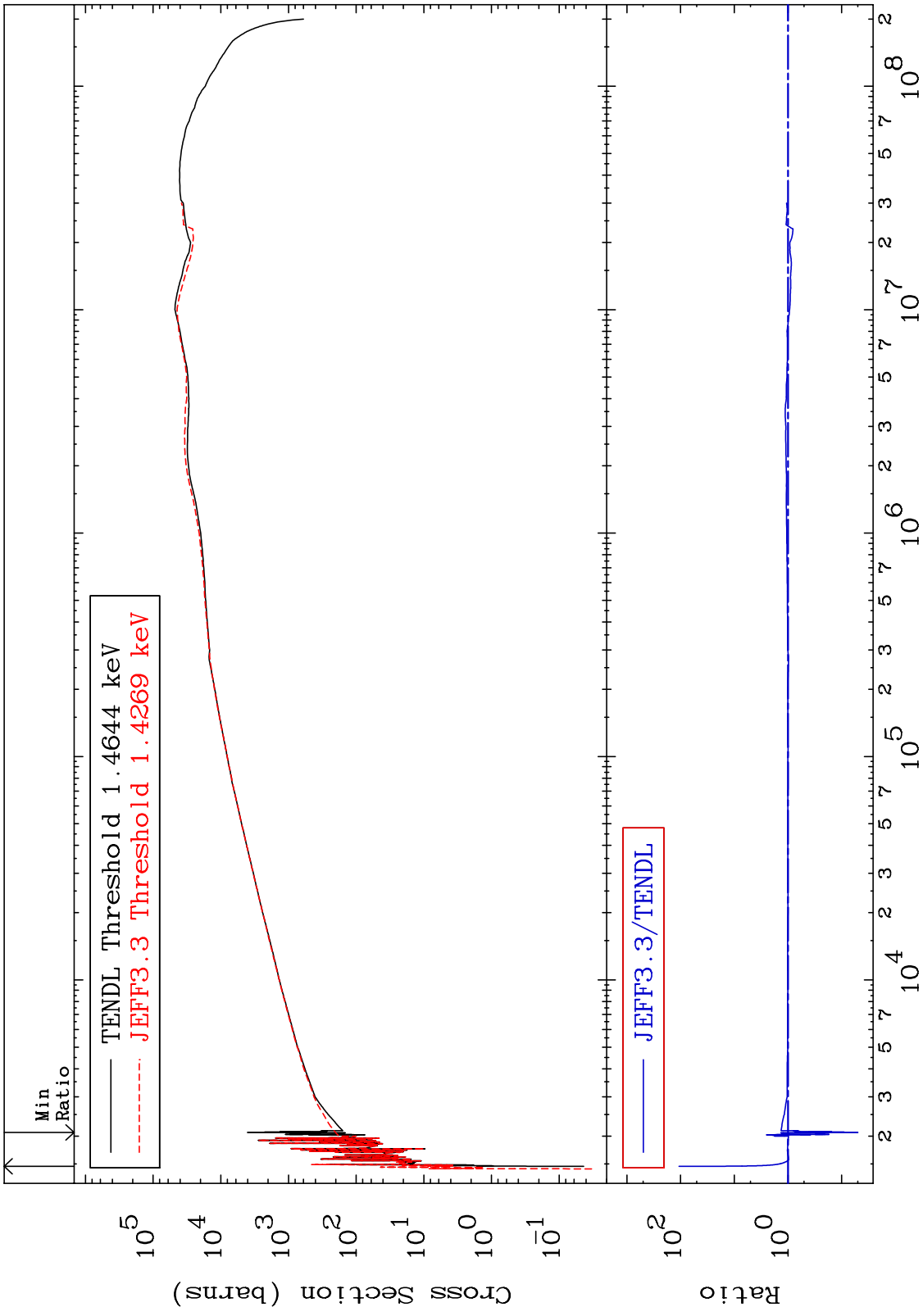
MAT 7925      Total kinematic kerma (high limit)      79-Au-197  
 -91.53 To 649.7 %  
 Cross Section



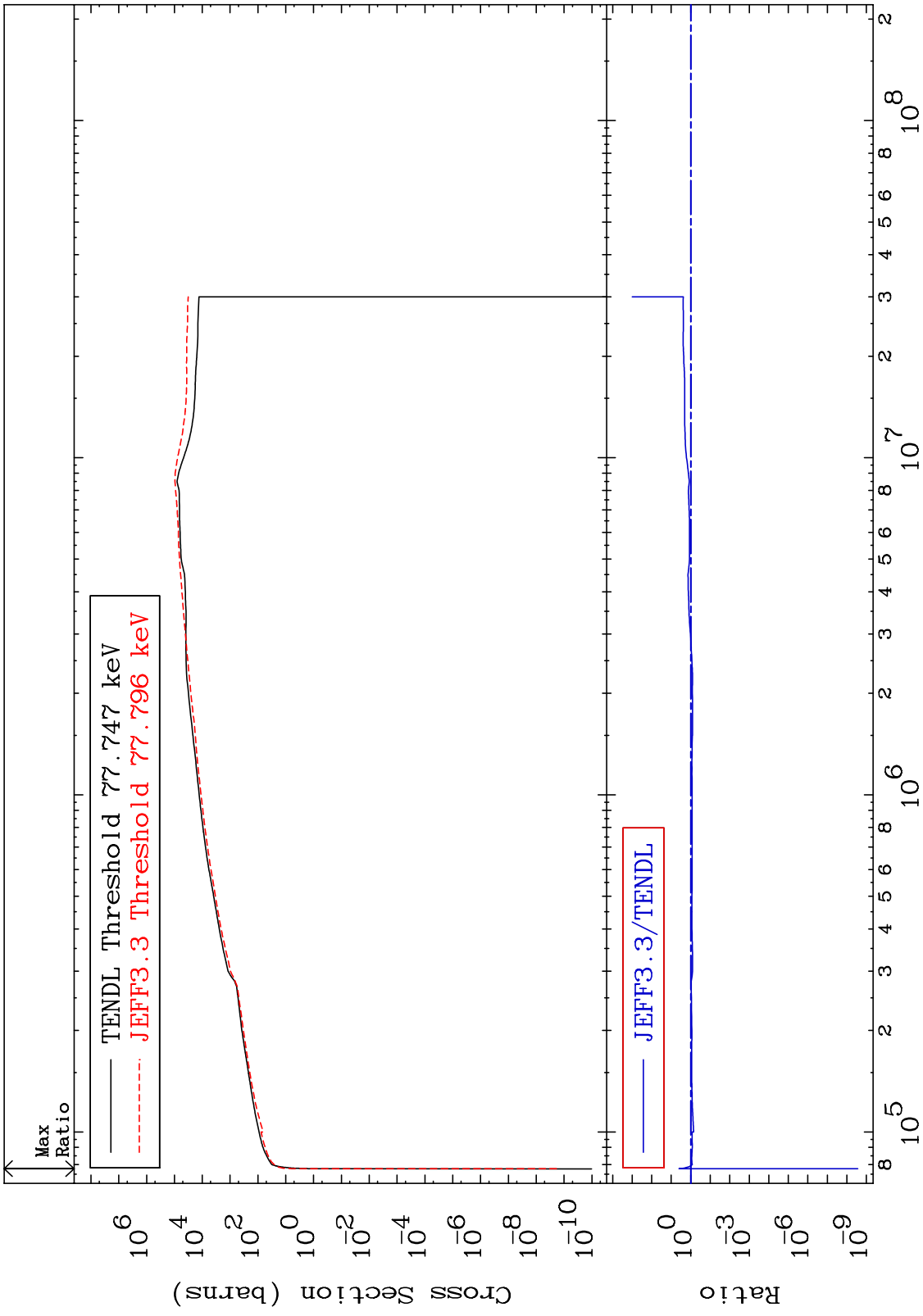
MAT 7925      Dpa total (eV-barns)      79-Au-197  
 Cross Section      -90.08 To 3003. %



MAT 7925 Dpa elastic (mt2) 79-Au-197  
 Cross Section -95.01 To 9999. %



MAT 7925 Dpa inelastic (mt51-91) 79-Au-197  
 Cross Section -100.0 To 296.9 %



MAT 7925

Dpa disappearance (mt102 -120)  
Cross Section

79-Au-197  
-66.53 To 9999. %

